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# REPORT ON THE ADMINISTRATION OF THE NORTHERN INDIA SALT REVENUE DEPARTMENT FOR THE OFFICIAL YEAR 1912-13.

The gross revenue of the Department, Rs. 1,16,71,812, showed an increase of Rs. 3,74,640, or 3·32 per cent., over that of 1911-12.

Receipts and Charges.  
Appendix I.

The sales of duty paid salt, maunds 1,00,45,919, were more by maunds 2,58,695, or 2·64 per cent.

The total charges, Rs. 11,61,010, were less by Rs. 3,266, or 0·28 per cent., than those of the preceding year. The percentage of charges on the gross receipts was 9·97 as compared with 10·35. The net receipts, not taking into account treaty payments, amounted to Rs. 1,05,07,802, or Rs. 3,77,906 more than in 1911-12, and, taking into account all treaty payments, they amounted to Rs. 73,95,771.

2. Refunds amounted to Rs. 21,016 as compared with Rs. 24,080 in 1911-12. The following rebates of duty were paid:—(a) Rs. 20,783 on account of salt used for industrial purposes and (b) Rs. 233 on account of petty miscellaneous items.

Particular of Charges.

The fixed charges of the Department, Rs. 5,05,125, were less by Rs. 19,716, or 3·75 per cent., than those of 1911-12. The Contingent charges, Rs. 6,37,869, were higher by Rs. 19,511, or 2·98 per cent., than those for 1911-12. The expenditure on the manufacture of salt at the Rajputana salt sources decreased by Rs. 40,163 and the expenditure on the excavation of rock salt in the Cis-Indus Mines Division increased by Rs. 34,243. The expenditure on account of house rent, postage and telegrams, stationery, rewards, clearance of Through Traffic salt, uniforms and construction of roads and buildings increased by Rs. 30,322; while the expenditure on account of travelling allowance, conveyance of tents and records, purchase and repairs of tents, hot weather charges, water-supply and miscellaneous charges decreased by Rs. 5,089. Compensation allowance for dearness of food grain, amounting to Rs. 201, was paid during the year.

3. The Treaty payments during the year amounted to Rs. 31,12,031. The royalty payments on account of Sambhar salt amounted to Rs. 2,76,056, as against Rs. 2,49,735 in 1911-12. The issues of salt by the Department to the United Provinces, Rajputana, Central India and the Central Provinces amounted to maunds 65,32,983; and the issues by the Bombay Salt Department for the same areas to maunds 36,79,824; but the whole of the Treaty payments are debited to the Northern India Salt Revenue Department.

Treaty payments.  
Appendix IV.

4. In the Cis-Indus and Kalabagh Mines Division, the issue price of salt, issued from the Khewra, Nurpur, Kalabagh and Warcha depôts, which was raised to 1 anna and 2 pies a maund from 1st April 1912, in order to cover cost of production, remained unaltered during the year. No change was made in the prices of salt elsewhere. The rate of duty, Re. 1 a maund, ordered on 20th March 1907, remained unchanged.

Issue prices of salt and rate of duty.  
Appendix II.

5. As compared with 1911-12 there were slight decreases in the average retail prices of salt per maund in all the selected representative centres entered in Appendix XII, except in Bihar and Rajputana where prices were slightly higher. The prices in the North-West Frontier Province and in Central India remained stationary.

				Annas.
North-West Frontier Province	...	...	stationary	...
Punjab	...	...	decrease	$\frac{1}{2}$
United Provinces of Agra and Oudh	...	...	decrease	$\frac{1}{2}$
Bihar	...	...	increase	$\frac{2}{3}$
Central Provinces and Berar	...	...	decrease	$\frac{1}{2}$
Rajputana	...	...	increase	$\frac{5}{12}$
Central India	...	...	stationary	...

The Jodhpur State continued to levy a duty at the rate of Rs. 2 a maund on all salt sold in the State.

6. The accounts of 1911-12 were compared with those of the Comptroller, India Treasuries. The Departmental figures of revenue are more than the Treasury credits by Rs. 1,350-7-4. The difference, which has been reconciled, is mainly due to certain items having been credited in different years in the accounts of the Comptroller, India Treasuries, and in the Departmental accounts.

The charges debited against this Department in the Treasury Accounts are less by Rs. 380-14-5 than in the Departmental accounts. This difference cannot now be reconciled.

7. Of the reductions sanctioned in Government of India letter No. 7906-1, dated 23rd October 1911, Commerce and Industry Department, only one appointment of an Inspector on Rs. 40 remained to be absorbed at the close of the official year.

8. A competitive examination for admission to the superior executive grades of the Department was held in March 1913. Two appointments were offered for the competition. Ten candidates were nominated, but only five presented themselves at the examination. Messrs. Sujan Singh Gyani and Abdul Aziz Beg, the successful candidates, have been appointed probationary Assistant Superintendents.

9. The Punjab border adjoining the Bikaner State was patrolled to ascertain whether any of the salt made in the State found its way into British territory. The result showed that the arrangements made by the Darbar were effective.

10. Maunds 99,52,882 of full duty paid salt were sold during the year, or maunds 2,75,738 (2.84 per cent.) more than in the preceding year. The sales of Rajputana salt, which amounted to maunds 58,16,275, were more by maunds 2,59,410, or 4.66 per cent. The sales of Sambhar and Didwana salt increased by maunds 2,37,114 and 34,168, respectively, while those of Pachbhadrha salt fell off by maunds 11,872. The sales of Cis-Indus and Kalabagh Mines rock salt maunds 34,92,922, were less by maunds 923, and those of Kohat rock salt, maunds 5,43,861, increased by maunds 9,172. The sales of Sultanpur salt, maunds 28,770, decreased by maunds 3,090, while those of saltpetre salt increased by maunds 9,323.

The issues of full duty paid salt, maunds 1,02,04,195, were more by maunds 2,43,177, or 2.44 per cent., than those of the previous year. The

uncleared balance at the close of the year was at Sambhar mau ds 4,4,330, at Pachbhadra mau ds 4,712, at Didwana mau ds 6,622, at the Sultanpur Salt Works mau ds 200 and at the Cis-Indus and Kalabagh Mines Division mau ds 58,016.

11. The sales of Mandi salt, mau ds 93,037, were less by mau ds 17,013, or 15.48 per cent. There was no uncleared balance at the Mandi Mines.

Sales and issues of salt which paid a special rate of duty.  
Appendix II.

12. The sales of salt free of duty, mau ds 1,61,497, were more by mau ds 67,277, or 71.40 per cent., than those of 1911-12, the increase occurring in the sales for the Jodhpur State, where the stock of salt was low. The issues of duty free salt, mau ds 1,51,447, also increased by mau ds 57,227 or 60.73 per cent., as compared with the previous year.

Sales and issues of salt free of duty and issue of salt free of both price and duty.  
Appendix III.

Mau ds 24,110 of salt, free of both price and duty, were issued from Sambhar and mau ds 11,000 from Pachbhadra. These quantities comprise mau ds 31,450 issued to the Jaipur and the Jodhpur Darbars and mau ds 1,000 to the Udaipur Darbar, free of clearance charges as well as of duty and price.

13. Mau ds 60,021 of salt were issued during the year, mau ds 46,218 from Didwana and mau ds 13,803 from Pachbhadra, to private traders of the Bikaner State on payment of price and full duty.

Salt issued to Bikaner on payment of half duty.  
Appendix III.

14. The sales of full duty paid Sambhar salt, mau ds 47,17,674, and the issues, mau ds 49,59,638, increased by mau ds 2,37,114 and 1,32,711, or 5.29 and 2.74 per cent., respectively, as compared with 1911-12. Sales in the Sambhar Division were slack during April 1912, but improved steadily during the succeeding months and by the close of the year were mau ds 2,37,114 in advance of the sales of 1911-12. Of the quantities consigned to the various provinces, the United Provinces of Agra and Oudh took mau ds 32,87,797, Bihar mau ds 33,724, the Central Provinces mau ds 1,01,665, Rajputana mau ds 7,77,077, Central India mau ds 5,75,645, the Delhi Province mau ds 90,930, and the Punjab, including Feudatory States, mau ds 1,21,910.

Rajputana salt sources, Sambhar.  
Sales and issues and distribution of salt.  
Appendices II, III and VI.

15. The total quantity of salt, mau ds 21,85,632, extracted during the official year was more by mau ds 9,55,319, or 77.64 per cent., than in 1911-12, the increase being due to more favourable rainfall. The output was, however, much below the average. Mau ds 16,69,170 of Kyar salt and mau ds 5,16,462 of "Pan" salt were extracted as compared with mau ds 7,31,723 of Kyar salt and mau ds 4,98,590 of "Pan" salt during 1911-12. The Kyar salt manufactured in the Kyars at Sambhar amounted to mau ds 6,94,968 from lake brine, mau ds 5,37,766 from canal brine and mau ds 4,36,436 from lake and canal brine in admixture. The manufacture of Kyar salt from lake brine began at Sambhar on the 9th January 1913 and of canal brine salt on the 28th January 1913 about a month later than in the previous year. At Nawa and Jhapog the extraction of Kyar salt did not commence till after the close of the official year owing to the brine in the lake, by reason of the heavy rainfall, being too low in density to admit of its being utilized earlier. The manufacture of "Pan" salt commenced at Nawa on the 7th March 1913 and at Gudha on the 6th January 1913. No "Pan" salt was manufactured at Sambhar.

Manufacture of salt.  
Appendix V.

16. The total rainfall during the year amounted to 26.04 inches at Sambhar and 19.54 inches at Nawa as compared with 8.04 inches and 9.36 inches, respectively, during 1911-12. The fall was more by 6.58 inches, than the average for the last 41 years from 1871-72 to 1911-12. At Sambhar it rained on 13 days in July, the total fall registered being 11.91 inches and on 12 days in August, the registered fall being 11.51 inches. During the remaining months of the year only light falls were received. The monsoon commenced

Rainfall and character of season.



late on 8th July and closed on the 2nd September 1912. The total fall registered from 1st July to 30th September 1912 was 24.68 inches as compared with 4.01 inches during the corresponding period of 1911. The depth of brine in the lake, as measured at the gauges on the 10th September 1912, was 2 feet at Sambhar, 2 feet 5 inches at Jhapog, 1 foot 10 inches at Gudha and 1 foot 10 inches at Nawa. The depth of brine, measured on the same date in the preceding year, was 1 inch only at Sambhar, while in the Jhapog, Gudha and Nawa sections the lake was practically dry.

17. Owing to rainfall being above the average, manufacturing operations commenced comparatively late this season. Subterranean brine obtained from the canal at Sambhar and lake brine were utilized in the manufacture of Kyar salt. By the close of the season maunds 35,88,060 of Kyar salt, maunds 2,62,788 of Reservoir salt and maunds 8,52,363 of "Pan" salt had been extracted and stored. The total season's yield amounted to maunds 47,03,211 as against maunds 17,64,543 in the preceding season. The labour supply at Sambhar having permanently fallen off, as noticed in paragraph 17 of the Administration Report of 1909-10, experiments were made during the year to economise labour by employing mechanical means for the transportation of salt from the pans to the store heaps but no definite results were obtained.

The balance of salt in stock on the close of the manufacturing season was maunds 34,15,860.

The stock balance at the close of the season was maunds 47,16,898 in 1912, maunds 71,89,160 in 1911 and maunds 69,57,621 in 1910.

196 Kyar pans, 185 at Sambhar, 7 at Jhapog and 4 at Nawa were cleaned during the year at a total cost of Rs. 10,638. During 1911-12, 223 Kyar pans, 150 at Sambhar, 17 at Jhapog and 56 at Nawa, were cleaned at a cost of Rs. 53,787.

18. The registers showing the history of each Kyar pan mentioned by Mr. Gamble in paragraph 18 of the Annual Administration Report of this Department for the year 1911-12, are complete to the end of season 1911-12.

19. During the season beginning 1st September 1912, maund 8,80,174 of Kyar salt were made from subterranean brine obtained from the canal at Sambhar as compared with maunds 8,47,315 in the previous season.

20. Contracts were given for 1,463 pans (1,129 at Nawa and 334 at Gudha), as compared with 1,617 in 1911-12. Maunds 8,52,363 of "Pan" salt were extracted during the season as compared with maunds 9,17,228 in the preceding season. The quality of "Pan" salt produced was good. No saleable "Lake" salt formed during the year.

21. The incidence of cost per maund of Kyar salt amounts to Rs. 0-1-134, compared with Rs. 0-2-10-87 in 1911-12 and Rs. 0-0-5-69 in 1910-11. The items included in the cost of manufacture are Rs. 35,990 for extraction and storage, Rs. 30,270 expended on repairs to and cleaning out of pans and Rs. 49,685 on account of interest on capital account, which amounted, at the close of 1912-13, to Rs. 13,54,612. The actual cost of extraction and storage was 4.14 pies per maund, compared with 3.78 pies in 1911-12 and 4.04 pies in 1910-11. The increase in cost is due to higher extraction rates having had to be paid. "Pan" salt cost 6.09 pies a maund for extraction and storage as compared with 6.30 pies in 1911-12. Excluding recoverable advances made to the pan contractors, the net cost of manufacturing "Pan" salt during the year amounted to 4.31 pies per maund, as compared with 5.02 pies in 1911-12 and 5.09 in 1910-11.

22. The balance of stock at the close of the year amounted to maunds 17,47,856 as compared with maunds 46,85,752 in 1911-12, the short production of the present year necessitating further encroachment on the reserved stock. 111 heaps, estimated to contain maunds 55,15,421, were cleared during the year and the actual outturn was less by 6.83 per cent. Of the 111 heaps, 45 stored in 1909-10 and 46 stored in 1910-11 scaled 11.72 and 4.43 per cent., less, respectively, and 20 stored in 1911-12 scaled 0.17 per cent., more than was originally estimated. The work of estimation of both, Kyar and "Pan" salt was done by Superintendents and Assistant Superintendents during the year and the result of the clearance of heaps estimated by them was satisfactory.

23. The work of pitching with stone the walls of reservoirs in the Sambhar Division was continued. Work on the reservoir of Kyar No. I at Sambhar and reservoir No. I at Jhapeg was not completed when the year closed.

24. The usual account of the financial results of the lease of the Sambhar Lake is given below :—

#### SAMBHAR LAKE.

##### *Stock Accounts.*

Salt produced including excesses found on clearance of heaps :—

			Maunds.
Down to close of 1911-12	...	...	16,00,91,085
During 1912-13	...	...	22,62,518
			<hr/>
Total	...	...	16,23,53,603
			<hr/>

Salt cleared from accounts, including sales, free deliveries, wastage and dryage—

			Maunds.
Down to close of 1911-12	...	...	15,54,05,333
During 1912-13	...	...	52,00,444
			<hr/>
Total	...	...	16,06,05,777
			<hr/>
Balance of stock at the close of 1912-13	...	...	17,47,856

##### *Revenue Accounts.*

Realizations from sale of salt to date—

			Rs.
Down to close of 1911-12	...	...	4,23,75,373
During 1912-13	...	...	12,14,773
			<hr/>
Total	...	...	4,35,90,146
			<hr/>

Expenditure incurred, including all Treaty and Royalty payments, and interest on capital expenditure and cost of up-keep, the principal being excluded—

				Rs.
Down to the close of 1911-12	...	...	...	3,80,30,656
During 1912-13	...	...	...	10,34,894
				<hr/>
		Total	...	3,90,65,550
				<hr/>
Net credit balance at the close of 1912-13	...	...	...	45,24,596

The net credit balance at the close of the year was higher by Rs. 1,79,879 than that of 1911-12.

The revenue of the year exceeded the expenditure by Rs. 1,79,879, but the stock balance at the close of 1911-12 was less by maunds 29,37,896 and the value of this at four annas a maund, Rs. 7,34,474, minus Rs. 1,79,879, gives a loss of Rs. 5,54,595.

25. The sales of Didwana salt which paid duty, maunds 3,70,748, were more by maunds 34,168, or 10.15 per cent., than the sales in 1911-12.

**Didwana.**  
Sales and issues and distribution of salt.  
Appendices II, III and VI.

The issues of full duty paid salt, maunds 3,67,019, were less than the sales by maunds 3,729 and the issues of 1911-12 by maunds 29,063, or 8.60 per cent. The uncleared balance was maunds 6,622. No duty free salt remained uncleared when the year closed.

The full duty paid salt, issued during the year, was consigned to the Punjab, including the Feudatory States, the United Provinces of Agra and Oudh and Rajputana.

26. The extraction of salt commenced on the 1st April 1912, and closed on the 31st May 1912. The salt manufactured during the year was of good quality. Maunds 3,10,193 were purchased from the manufacturers. The year opened with a balance of salt in stock of maunds 2,83,197. An excess on the quantity estimated and paid for, amounting to maunds 17,171, was discovered, paid for and added to stock. Maunds 3,86,248 were sold and the year closed with a balance of maunds 2,18,810. A deficit of maunds 5,503 or 6.04 per cent., was discovered in the heaps cleared during the year. The cost of extraction and storage was 6.36 pies per maund as compared with 5.45 pies in 1911-12 and 4.97 pies in 1910-11. Slightly higher rates were paid for storage in the South Dariba where carts were used, as fodder for cattle was dear. The price paid to the manufacturers varies, in accordance with the quality of the salt, from 2 pies to 4 pies a maund. The rainfall during the year amounted to 16.94 inches as compared with 6.50 inches in 1911-12.

Outturn and stock.  
Appendix V.

27. The sales of Pachhadra salt which paid duty, maunds 7,27,853, were maunds 11,871, or 1.60 per cent., less than those of 1911-12. The issues of such salt, maunds 7,61,351, were more by maunds 79,386, or 11.64 per cent., than the issues of 1911-12.

**Pachbhadra.**  
Sales and issues and distribution of salt.  
Appendices II, III and VI.

The quantity of duty free salt, maunds 1,40,997, purchased by the Jodhpur Darbar during the year was more by maunds 65,277 than 1911-12. The quantity issued, maunds 1,30,947, was also more by maunds 55,277. A balance of duty paid salt amounting to maunds 43,712 and of duty free salt amounting to maunds 10,050 remained uncleared at the end of the year.

The total issues, maunds 9,03,298, were more by maunds 1,34,613, or 17.51 per cent., than in 1911-12. The quantities declared at the source for the United Provinces of Agra and Oudh, Delhi, the Central Provinces, Rajputana,

Central India and Sindh increased by maunds 20,737, 5,37,313, 40,155, 35,603 and 805 respectively. The quantity consigned to Bombay fell off by maunds 5. No salt was shown as despatched to the Punjab, including the Feudatory States, during the year.

The quantity purchased by Banjaras, maunds 69,768, was maunds 33,259, or 91.09 per cent, more than the quantity purchased during 1911-12. This large increase is mainly due to both water and fodder having been plentiful at Pachbhadra during the year.

28. The total rainfall of the year amounted to 8.88 inches as compared with 7.08 inches during 1911-12, and was distributed over 29 days in falls varying from 0.01 to 1.62 inches. There was light rain only in June, September, October, November, February and March. The heaviest rain fell in July 1912 when 3.34 inches were registered. The largest fall during that month was 1.62 inches. In August the rainfall amounted to 3.28 inches. The months of December and January were rainless. The average annual rainfall of the 31 years from 1881-82 to 1911-12 amounts to 12.14 inches.

106 working pits were selected for extraction, of these 102, including the standard pit, were completely emptied by the close of the year. The total outturn was maunds 9,25,394, or an average of 9,072.49 per pit. The quality of the salt extracted was good.

The question of obtaining sufficient labour locally for the extraction and storage of the salt required for the trade caused some anxiety owing to the migration of labour to Sindh.

The closing balance of stock at the end of the year was maunds 3,40,217; and the quantity in the 4 pits, which remained to be extracted after the year closed, was estimated to be maunds 20,000. The total, maunds 3,60,217, is sufficient to supply the trade until extraction can be resumed after the rains.

The usual addition of 25 per cent., on account of a probable excess, has been made to the registered balances of salt manufactured and in stock. The excess found on 105 heaps cleared during the year 1912-13, amounted to 25.59 per cent.

29. The salt taken over from the Kharwals, or pit owners, was paid for as usual at rates varying in accordance with the quality of salt. The bulk of the salt was paid for at the rate of one anna a maund.

30. The total cost of constructing new and renovating old pits amounts to Rs. 78,715-3-9, of which Rs. 61,821-12-3 have been recovered from the pit owners. The balance to be recovered is Rs. 16,893-7-6.

31. The Railway sidings were kept in order by the Jodhpur-Bikaner Railway at a cost of Rs. 437 as compared with Rs. 534 in 1911-12. The contractor was paid during the year at the rate of Rs. 1-7-0 per 100 maunds for clearing Through Traffic salt as compared with Rs. 1-9-0 in 1911-12.

32. The salaries paid to the preventive force at the Luni amounted to Rs. 5,193 as compared with Rs. 6,255 in 1911-12. The decrease is due to the reduction of establishment and to the vacancy caused by the absence on leave without pay of the Sub-Assistant Surgeon not having been filled up. There is also a decrease of Rs. 328 in contingent expenditure, the total amounting to Rs. 752 as compared with Rs. 1,080 in 1911-12. The total cost of the Luni Circle amounting to Rs. 5,945 was less by Rs. 1,389 as compared with Rs. 7,334 in 1911-12. Maunds 2,696 of free salt were distributed at the usual rate of 6 seers per head to 17,974 persons residing in 39 villages in the Luni tract. The large decrease of 12,538 in the number of recipients and of maunds 1,875 in the quantity of salt issued is due to migration of the people entitled to receive salt owing to drought.

33. The quantity of duty free salt deliverable at Falodi under Article XII of the Jodhpur Treaty is, at the request of the Darbar, being issued from the Pachbhadra Salt Source.

Falodi.  
Duty free salt deliverable at Falodi issued from Pachbhadra Salt Source.

34. The usual account of the Financial administration of the minor salt sources in the Jodhpur State is published below, with reference to Article XI of Salt Agreement of the 18th January 1879:—

<i>Receipts.</i>			Rs.
Sale price of maunds 3,86,248 at Didwana	...	...	48,281
Sale price of maunds 8,63,850 at Pachbhadra	...	...	81,455
Total	...	...	1,29,736

<i>Charges.</i>			
Expenditure on establishment, contingencies, excluding Treaty payments and the outlay treated as capital expenditure incurred up to the close of 1911-12, but including interest on the latter debitable to price at Didwana			...
	...	...	12,872
Ditto	ditto	at Pachbhadra	...
	...	...	64,106
Liabilities under Article VI of the Agreement	...	...	3,76,000
Total	...	...	4,52,978

Net debit balance... 3,23,242

35 In accordance with the Government of India Resolution of the 17th January 1882, a sum of Rs. 33,349 expended at Sambhar during the year, was added to the capital account in calculating the actual cost of the salt produced at the Rajputana Salt Sources. The total amount treated as capital expenditure against the price of Sambhar salt to the close of the year was 16,36,681, comprising Rs. 11,43,888, the cost of construction and repair of the Kyars, Rs. 2,85,255, expended upon railway sidings, Rs. 47,960, upon quarters for the establishment connected with manufacture, Rs. 1,37,630, upon the purchase, repair and setting up of pumps and engines and Rs. 21,948, the loss sustained upon a portable railway which was sold. The profit and loss on the transactions pertaining to each of the working Salt Sources have been worked out after inclusion into the accounts of leave and pensionary charges and elimination therefrom of Through Traffic receipts and charges. The amount of rent in column 7 of Appendix VII shows the rateable share calculated on the sales at all the Salt Sources of a fixed sum of Rs. 3,00,000 a year *plus*, in the case of Sambhar only, Royalty actually paid during the period.

The accounts compiled on the above basis for the 31 years ending 1912-13 show a net profit of Rs. 1,07,52,181 on the sales of Sambhar salt, while the loss on the sales of salt at the Didwana and the Pachbhadra Salt Sources amount to Rs. 52,830 and 7,34,916, respectively. There was a slight gain of Rs. 7,013 on the sales of salt effected at the closed Salt Sources. The profit on the Rajputana Salt Sources taken as one group amounts to Rs. 99,71,448.

With a view to showing the yearly transactions in respect of each of the Rajputana Salt Sources, the accounts of 1912-13 and of the four preceding years are shown separately in the statement following Appendix VII.

A total quantity of maunds 30,11,925 costing Rs. 8,43,697, or on an average Rs. 0-4-5-83 a maund, is estimated to have been produced during the year, and maunds 59,77,772 were sold at an average rate of Rs. 0-3-6-08 a maund. The high rate of cost per maund is to a great extent due to Rs. 5,13,068 on account of the rent of the Sources, including Royalty on sales, having been added to the actual outlay on the small quantity of maunds 17,84,778 manufactured at the Sambhar Lake. The sale proceeds at the Rajputana Salt Sources amounted to Rs. 13,10,405 as against Rs. 8,43,697, the cost of production, or a difference of Rs. 4,66,708. On the other hand, the balance of salt in stock was reduced by maunds 29,56,739.

36. Statistics similar to those pertaining to the Rajputana Salt Sources have been furnished in respect to the Salt Sources in the *Cis-Indus* and Kalabagh Mines Division, in Appendix VII-A and in the statements following it. The

The Punjab Salt Sources.  
Sale price of salt at the Salt Sources of the *Cis-Indus* and Kalabagh Mines Division.  
Appendix VII-A.

accounts commence from 1st April 1894, and in the transactions for the 19 years ending 31st March 1913, there was a loss of Rs. 4,24,786, or 1.61 pies a maund, on the sales effected during the period, maunds 5,06,66,431, on which Rs. 27,86,855, were realized on account of price while the cost of excavation and storage amounted to Rs. 32,11,641.

As noticed in paragraph 36 of the Annual Administration Report for 1911-12, the price of salt throughout the *Cis-Indus* and Kalabagh Mines Division was, from 1st April 1912, raised to 1 anna and 2 pies per maund. The result was satisfactory. The trade was not disturbed and the year under report closed with a net profit of Rs. 2,937 as compared with a loss of Rs. 6,148 in 1911-12.

37. The sales during the year in the *Cis-Indus* and Kalabagh Mines Division, maunds 34,92,922, exceeded the sales of 1911-12 by maunds 923, or 0.03 per cent. The issues, maunds 34,73,460,

Sales and issues and distribution of salt.

Appendices II and VI.

were less by maunds 10,740, or 0.31 per cent., than those of the previous year. There was an increase in sales at all the depôts except Kalabagh where there was a decrease of maunds 77,045. At Khewra, Warcha and Nurpur the sales increased by maunds 76,565, 945 and 458, or 2.55, 0.59 and 9.74 per cent., respectively. The sales of the Khewra Depôt were 88.15 per cent., of the total sales of the whole Division, as compared with 85.98 per cent., in 1911-12. No great difficulty was experienced in procuring outside labour for the clearance of salt from the Warthganj Depôt, the uncleared balance rose higher than the preceding year only at the close of the year when there was a rush of rawannahs for the Through Traffic salt. The work connected with the Through Traffic clearances was, as last year, carried out departmentally, instead of through a contractor. The average cost of carriage of salt from the mine to the depôt was Re. 0.12-8-14 per 100 maunds as compared with Re 0.11-8 during 1911-12 and the average cost of clearance of Through Traffic salt per 100 maunds was Rs. 1-10-6 as compared with Rs. 1-6-11 in 1911-12 and Rs. 1-7-6-12 in 1910-11.

The uncleared balance of Through Traffic salt on 31st March 1913, was maunds 74,748.

Maunds 89,558, or maunds 13,608 less than in 1911-12, were consigned to places in the Jammu and Kashmir State. Maunds 38,677, or maunds 19,442 less than in the previous year, were consigned to places in the North-West Frontier Province. There was a decrease of maunds 66,680 in the quantity of salt consigned to places in the Punjab, including the Feudatory States. The United Provinces of Agra and Oudh, Bihar, Bombay, Bengal and Central India received maunds 95,907, 2,844, 2,773, 1,800 and 376 more, respectively, while British Baluchistan, Sindh and Rajputana received maunds 279, 30,293, and 88 less respectively, than in 1911-12.

The Central Provinces and Berar together received maunds 900 as against none in the preceding year. Delhi, during the year under report, received maunds 15,050.

38. The quantity of salt excavated in the Division during the year, maunds 36,52,184, was maunds 12,680, or 0.35 per cent., more than in 1911-12.

Excavation of salt.

Appendix V.

The balance in stock at the close of the year amounted to maunds 5,39,905 at Khewra, maunds 11,595 at Warcha and maunds 59,459 at Kalabagh. As noticed by Mr. Gamble in paragraph 38 of his Annual Report for 1911-12, deductions on account of marl in the Mayo Mine were abolished from 1st January 1912. The average outturn per 100 cubic feet at this mine decreased from maunds 139.16 in 1911-12 to 138.95 during

the year under report. The cost per 100 maunds was Rs. 4-13-6-10 as compared with Rs. 4-10-7 in the preceding year.

39. Of a total of 23,02,545 cubic feet of salt excavated in the Mayo Mine, 22,61,872 cubic feet were obtained from Working in Khewra Mine. chamber and 40,673 cubic feet from drift workings. A total length of 1,027 feet of tunnels was driven at a cost of Rs. 1,665. Waste salt was thrown in 15 working blocks of the Pharwala, Sujiwal and Buggy seams. The other annually recurring works connected with the mine, such as railing off dangerous places, repairing existing tunnels, and constructing drains on the surface of the mine hill cost Rs. 1,583.

The tramway line and rolling stock were kept in good order at a cost of Rs. 4,583. Twenty axles for large and 20 axles for small trucks were made locally during the year. Five sets of wheels complete with axles, axle boxes, etc., five sets of spare axle boxes with bearings for large trucks and ten sets of spare axle boxes with bearings for small trucks were purchased at a cost of Rs. 3,817.

40. During the year the low level tunnel, sanctioned by the Government of India in the Department of Commerce and Industry in letter No. 35-33, dated the 4th January 1911, and mentioned by Mr. Gamble in paragraph 40 of his Annual Report for 1911-12, was driven to a length of 690'3 r. ft. at a cost of Rs. 17,452-10-2. The total length driven from the 8th April 1911 to the 31st March 1913 was 1,128 r.ft. and the total sum expended amounted to Rs. 31,432-8-7, which included Rs. 13,246 on account of cost of machinery purchased.

41. Khewra and the other salt mines of the Division escaped the plague during 1912-13. An expenditure of Rs. 6 Expenditure connected with plague at Khewra and the other salt mines of the Division. was incurred during the year in connection with precautionary measures.

42. No special expenditure was incurred in respect of Nurpur Mine during the year. An exploration tunnel of 429 r.ft. was worked in the Wareha hill and completed at a cost of Rs. 1,242-1-4. A Works in smaller mines. ventilation tunnel of 237'43 r.ft., a drift taken off from the main tunnel and a few small drifts were worked in the Mari hill near Kalabagh at a cost of Rs. 2,476-11-10.

43. No fatal, but nine serious and 28 simple accidents occurred at the Mayo Mine, where the average number of Accidents. persons employed daily above and below ground during the calendar year 1912 amounted to 969, including 531 men, 365 women and 73 children under 12 years of age. No accidents occurred at the Nurpur and Wareha Mines or at the Kalabagh quarries.

44. The sales from the Mandi Mines, maunds 93,037, were maunds 17,043, or 15'48 per cent., less than the sales of 1911-12. There was a decrease at the Guma Mine of maunds 23,890, or 51'85 per cent., Sales distribution of salt. Appendices II and VI. owing chiefly to defective arrangements on the part of the Raj Contractor with the result that there was no salt available for issue from the middle of July to the beginning of October 1912. At the Drang Mine there was an increase of maunds 6,847, or 10'70 per cent. This increase was due to the trade demands for salt not having been met in full from the Guma Mine owing to shortage of salt. The clearances to the British districts of Kangra and Simla amounted to maunds 43,332 and 268, respectively.

45. There was a shortage of supply of salt at the Guma and the Drang Mines owing chiefly to unsatisfactory work on the part of the Raj Contractor. The balance of salt in stock on the 31st March 1913, was maunds 50 at Guma and maunds 2,500 at Drang as against maunds 200 and 9,000 respectively, in the previous year.

No serious accident occurred at either mine.

46. The sales of Sultanpuri salt, maunds 28,770, decreased by maunds

Sultanpur Salt Works.  
Sales and issues and distribution of salt.  
Appendix II and VI.

3,090, or 9.70 per cent., as compared with the sales of 1911-12. The uncleared balance at the close of the year amounted

to maunds 200. Maunds 28,570 were issued, of which maunds 27,075 were removed by railway and maunds 1,495 by road, maunds 25,500 being consigned to the United Provinces of Agra and Oudh and maunds 1,575, to Delhi. The bulk of the salt declared for the United Provinces of Agra and Oudh was destined for Dehra Dun, Pilibhit, Haldwani and Cawnpur which received maunds 2,300, 11,800, 2,088 and 4,650, respectively.

47. The opening balance of stock was maunds 5,575, maunds 25,842, were

Manufacture and stock.  
Appendix V.

manufactured, maunds 28,770 were sold and maunds 2,647 remained in stock at

the close of the year. Seventeen factories were licensed during the year, but only 15 were worked, a decrease of 2 on the number worked in 1911-12.

The price at which salt was sold by the manufacturers at the Sultanpur Salt Works ranged from 3 annas to 5 annas and 6 pies a maund and the average price 3.3 annas a maund. In 1911-12 the prices ranged from 3 annas to 5 annas a maund and the average price was 4.56 annas a maund.

48. The realizations on account of Hakimi cess at the sanctioned rate of 3

Hakimi Cess.  
Appendix I.

pies a maund, amounted to Rs. 449.

49. Compared with the previous year the sales, maunds 5,43,861 of Kohat

North-West Frontier Province.  
Kohat Mines Division.  
Sales and issues and distribution of salt.  
Appendix II and VI.

salt during the year were more by maunds 9,172 and the issue, maunds 5,43,103, were also more by maunds 6,849. The exports to Swat and Tirah decreased by

maunds 8,551 and 103, respectively. Maunds 5,366 were declared for Kabul of which maunds 226 were issued from the Jatta Depôt and maunds 5,140 from Bahadur Khel. Maunds 5,27,756, were declared for places in British territory, a larger quantity by maunds 11,576 than in 1911-12. The exports to Kohat, Kurram and Isakhel (Mianwali) increased by maunds 28,331, 856 and 17, respectively, while the exports to Peshawar and Bannu fell off by maunds 3,076 and 9,824, respectively.

50. No accidents occurred at the quarries in the Division during the

Accidents.

year.

51. Maunds 3,03,415 of Kohat salt were carried by Railway into the

Trade facilities and administrative improvements.

Peshawar valley, as compared with maunds 2,53,750 in 1911-12.

The sales, maunds 3,58,394, and the issues, maunds 3,57,105, at the Jatta Depôt were greater by maunds 19,758, or 5.83 per cent., and maunds 17,231, or 5.07 per cent., respectively, than in 1911-12. Of the total quantity of salt issued, maunds 3,40,038, were removed on carts, and increase of maunds 26,953 on the quantity so removed in 1911-12. This increase was due, chiefly, to the facilities afforded for cart traffic by the Departmental metalled road, connecting the new depôt with the trunk road from Bannu to Kohat.

The issues, maunds 1,42,690, at the Bahadur Khel Depôt were maunds 5,441, or 3.96 per cent., larger than in 1911-12. The quantity removed on carts, maunds 51,918, shows a decrease of maunds 11,617 as compared with 1911-12. The trade at Malgin is declining. The sales and issues at the Karak Depôt were maunds 2,806 less than those of the previous year.

52. The village of Jatta Ismail Khel in the Kohat District was, on the

Raid at Jatta Ismail Khel in the Kohat District.

night of the 30th July 1912, raided by a band of outlaws in the pursuit of whom

one peon of the Department was shot dead. The mother of the deceased peon has been granted a pension of Rs. 4-8-0 a month. Three peons of the Department who took an active part in the pursuit of the raiders have been granted suitable rewards.



53. The Through Traffic sales, maunds 21,79,956, of Sambhar salt during the year were more than those of 1911-12 by maunds 5,02,931, or 29.99 per cent., and comprised 47.27 per cent., of the railborne trade of the Division, as compared with

Through Traffic.  
Extent of trade and number of traders dealing direct with the Department.  
Appendices VIII and IX.

38.35 per cent., in 1911-12 and 49.73 per cent., in 1910-11. The Through Traffic sales of Pachbhadra salt, maunds 6,56,237, which comprised the whole of the railborne trade of the Division, were lower than those of 1911-12 by maunds 46,978 or 6.68 per cent. The Through Traffic sales, maunds 30,45,281 of Khewra salt increased by maunds 76,623, or 2.58 per cent., and formed 94.83 per cent., of the total railborne trade of the Division, as compared with 93.44 per cent., in 1911-12. The total Through Traffic sales, maunds 58,81,474, represented 69.37 per cent., of the total railborne trade of the three Sources which issue salt under the system, as compared with 64.81 per cent., in 1911-12.

The number of traders in Sambhar salt who dealt direct with the Department and the number of marts from which applications were received for this salt rose during the year from 1,153 to 1,314 and from 122 to 124, respectively. The number of direct dealers in Pachbhadra salt rose from 571 to 585, and there was also an increase of 20 in the number of marts. The number of direct dealers with Khewra rose from 2,327 to 2,393, and there was also an increase of 36 in the number of marts.

54. Revenue on account of Through Traffic salt to the amount of Rs. 68,30,983 was paid during the year. Rs. 27,59,950, on account of Sambhar salt were paid into 47 Treasuries, 24 Post Offices and 19 stations on the Great Indian Peninsula Railway, Rs. 72,807 on account of Pachbhadra salt were collected at 20 Treasuries, nine Post Offices and 6 stations on the Great Indian Peninsula Railway and Rs. 33,43,916, on account of Cis-Indus and Kalabagh Mines rock salt were paid into 70 Treasuries including 5 in the Jammu and Kashmir State, and 23 Post Offices during the year. The total revenue paid into Treasuries amounted to Rs. 58,62,911, into Post Offices Rs. 7,44,555 and into stations on the Great Indian Peninsula Railway Rs. 2,23,517. The payments made into Post Offices and Treasuries exceeded those of 1911-12 by Rs. 58,456 and 6,66,919, respectively, but payments made into stations on the Great Indian Peninsula Railway decreased by Rs. 40,234.

55. The usual account of Through Traffic receipts and charges is given below:—

					CHARGES.			
					Receipts.	Fixed.	Contingen- cies.	Total.
					Rs.	Rs.	Rs.	Rs.
Cis-Indus	...	...	...	...	47,586	6,588	41,273	47,861
Sambhar	...	...	...	...	34,104	4,124	22,514	26,638
Pachbhadra	...	...	...	...	10,257	2,918	10,186	13,104
Total					91,947	13,630	73,973	87,603

There was a profit of Rs. 4,344 on the year's transactions. Three pies a maund are realized from traders for clearing Through Traffic salt and the average cost per maund was 3.02 pies at Khewra, 2.35 pies at Sambhar and 3.83 pies at Pachbhadra. On the whole the average cost was 2.86 pies per maund.

56. The accounts shown in the preceding paragraph do not include the interest on capital expenditure incurred in connection with, and the leave and pensionary charges on account of the establishment employed on Through Traffic work in the Sambhar, Pachbhadra and the *Cis-Indus* and Kalabagh Mines Division. An account including these as also the cost of service stamps is exhibited at the foot of Appendices VII and VII-A, and in the statements following them. In the Rajputana Divisions there was a loss of Rs. 47,526 on the transactions for the 31 years ending 31st March 1913, while in the *Cis-Indus* and Kalabagh Mines Division, the gain during the 19 years ending 31st March 1913, amounts to Rs. 3,01,157.

57. The revenue, Rs. 1,19,575, realized in the Internal Branch was more by Rs. 9,793, or 8.92 per cent., than in 1911-12. Maunds 70,818, of purified salt and maunds 7,591, of *Sitta* (impure salt) were excised during the year, compared with maunds 61,778 and 7,254, in 1911-12. The receipts from license fees, Rs. 43,302, were less than those of 1911-12 by Rs. 516, or 1.78 per cent. The sales of saltpetre salt increased by maunds 11,523, in the Upper Division, and fell off by maunds 2,200 in the Lower Division of the Internal Branch. The opening balance of purified salt in the bonded stores of refineries was maunds 21,400 and the closing balance maunds 24,372.

Excluding refunds, the revenue realized was less than the expenditure by Rs 18,931 as compared with Rs 28,733, in the preceding year. The fixed charges Rs. 1,03,160. were less by Rs. 239, and the contingent charges, Rs. 35,316, were more by Rs. 135 than those of 1911-12. The small decrease in fixed charges calls for no remarks. There was an increase in contingent charges under the heads "Travelling allowance," "Compensation for dearness of food grain," "Conveyance of tents and records," "House rent," "Hot weather charges," "Stationery" and "Reward" with a corresponding decrease under the heads "Purchase and repairs of tents," "Service postago and telegram" and "Miscellaneous." There was an increase of Rs. 7,750 under refunds.

58. 45,912 licences to manufacture saline substances were issued during the year, or 1,175, less than in 1911-12. There was a decrease of 7,319, 571 and 275 in the number of licenses issued for the manufacture of refined saltpetre, sulphate of soda (khari) and carbonate of soda (Rassi and Sajji).

59. 315 licensed refineries, or 5 less than in 1911-12, were worked. The quantity of crude saltpetre refined, maunds 9,09,407, and the quantity of refined saltpetre produced, maunds 4,88,585, were more by maunds 1,28,585, and maunds 51,044, respectively, than in 1911-12. The percentage of refined saltpetre produced and of salt eduved was 53.72 and 34.98, respectively, as compared with 56.03 and 34.92 in the preceding year. Maunds 15,124 of salt were destroyed by the refiners as unsaleable.

Of the refineries which were worked, 306 were licensed during the year, the remainder having been licensed before the financial year began. The same number of refineries were worked in the North-West Frontier Province as last year, but there was a decrease of 2 and 8 in the Punjab and Bihar, respectively, and an increase of 5 in the United Provinces of Agra and Oudh. There was a decrease of maunds 107 in the quantity of refined saltpetre produced in the North-West Frontier Province as compared with the quantity produced in 1911-12, but the quantity produced in the Punjab, the United Provinces of Agra and Oudh and Bihar was more by maunds 22,194, 21,240 and 7,717 respectively.

The quantity of saltpetre imported into Calcutta, maunds 4,85,533, was more by maunds 86,636. Of the quantity imported, maunds 2,42,506 were imported from Bihar, maunds 2,03,539 from the United Provinces of Agra and Oudh, maunds 37,611 from the Punjab, maunds 819 from Bengal and maunds 1,058 from the Central Provinces and Berar. The quantity exported from Calcutta by sea was maunds 4,01,830, or maunds 30,582 more than in 1911-12.

60. The North-West Soap Company at Meerut, Messrs. D. Waldie and Company, Chemists, Messrs. Schroder Smidt and Company, Messrs. Hafiz Muhammad Halim and Muhammad Saddiq of Cawnpur and Lucknow, Mr. Enrico N. Stein of Cawnpore and Delhi, Messrs. C. J. Mathews and Company of Cawnpore, Messrs. Stein Forbes and Company of Cawnpore, Messrs. Burk Brothers of Cawnpore, and the Empress Mills, Nagpur, held concessions of the right to use salt free of duty for industrial purposes. A fee of Rs. 100 which is payable annually by each of the firms named, except the North-West Soap Company, to cover the cost of supervision and incidental expenditure, was duly realized.

Rebates of duty amounting to Rs. 20,783, in all were paid to the above firms.

61. Maunds 41,022 of Tibetan salt, or maunds 11,335 more than in 1911-12, were imported into the districts of Kumaon and Garhwal in the United Provinces of Agra and Oudh. The quantity of salt exported to Nepal maunds 1,15,329, was less by maunds 5,804 than in 1911-12.

62. Accurate statistics of consumption are not available owing to absence of records of stock. In the circumstances, to minimise this source of error, the average supply available per head has been calculated on the aggregate figures of three years. The following table summarizing the figures given in Appendix XIII gives, per head of population for the several provinces with which the Department has dealings, the balance between the supplies to, and exports from, each province :—

	AVERAGE SUPPLY PER HEAD OF POPULATION DURING							
	1907-08.	1908-09.	1909-10.	Average.	1910-11.	1911-12.	1912-13.	Average.
North-West Frontier Province	6'81	7'64	7'08	7'01	6'40	9'00	7'36	7'62
Punjab ... ..	9'12	9'00	8'96	9'03	8'74	9'42	9'16	9'11
Kashmir ... ..	11'33	9'28	11'42	10'68	9'21	10'54	9'01	9'59
United Provinces of Agra and Oudh.	8'29	8'73	9'19	8'74	9'41	9'53	9'04	9'63
Bihar and Orissa ...	10'66	11'44	12'03	11'38	11'95	12'48	11'04	11'83
Central Provinces ...	12'50	13'07	13'83	13'13	12'14	13'88	11'93	12'67
Rajputana and Central India...	...	10'60	11'09	10'84	9'85	9'79	9'92	9'85

63. 246 cases of offences against the Salt Act occurred during the year, in which 323 persons were implicated, a decrease, as compared with 1911-12, of 142 in number of cases and of 108 in number of persons concerned. 145 persons were prosecuted and 178 were released departmentally. Of the number prosecuted 5 were acquitted and 5 were under trial when the year closed. 128,

or 91.72 per cent., of those tried, were convicted, as compared with 95.03 per cent., in 1911-12. 15 of the persons convicted were sentenced to imprisonment, with or without fine, and 118 were fined only.

61. Only 4 cases occurred in the Sambhar Lake Division. No cases occurred at the Luni, Pachbhadra or the Sultampur salt works.

62. Four cases occurred in the Cis-Indus and Kalabagh Mines Division, in which the 6 persons concerned were released departmentally.

63. Fourteen cases, involving 23 persons occurred in the Kohat Mines Division against 10 cases and 19 persons in the previous year.

64. No case occurred at the Mandi Mines.

Cases at the Mandi Mines.

65. In the Internal Branch there were 224 cases involving 290 persons. Maunds 15-6-9 of salt, pure and impure and maunds 280-28-6 of other saline substances were seized. 172 persons were detected manufacturing salt illicitly in crude saltpetre factories, 27 licensees were found to have manufactured substances other than those for which their factories were licensed and 91 persons were found to be working unlicensed factories. The Department took no penal action against 166 of the 290 persons. 124 persons were committed for trial, of whom 113 were convicted and the cases of 5 were pending at the close of the year. Of the maunds 15-6-9 of salt seized, maunds 0-26-4 were smuggled from saltpetre refineries.

Forty persons were arrested for manufacturing salt illicitly from saline earth in the Rajanpur (Dera Ghazi Khan) Circle.

66. Two peons, one in the Sambhar Lake Division and the other in the Kohat Division were convicted of stealing salt and imprisoned. One peon in the Kohat Division was convicted of murder and was hanged.

67. Mr. R. A. Gamble held charge of the Department and Mr. G. F. Buckley held charge of the office of Deputy Commissioner throughout the year.

68. Mr. G. F. Buckley continued to do excellent work as Deputy Commissioner. The work of the Divisional and Circle Officers has been generally satisfactory. The following officers deserve special mention:—

Assistant Commissioners, Mr. W. H. H. Money, Mr. C. H. Jeffery Orchard, Mr. P. C. Scott-O'Connor, Mr. C. S. Haygrath.

Superintendents, Mr. Lakhmir Singh, Mr. F. D. Reid, Mr. G. W. C. Lisle, Mr. E. D. Beatson, Mr. E. D. Wilson, Mr. A. D. C. McIver, Mr. A. G. O. Howard, Mr. D. M. Smith, Mr. A. M. Young, Khan Sahib Muhammad Kazim Husain.

AGRA;

J. F. CONNOLLY,

The 9th September 1913. } Offg. Commissioner, Northern India Salt Revenue.



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## A P P E N D I C E S.

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## Statement of receipts and charges of the Northern India

Heads.	1	2	3	4	5
	Central Office.	Sambhar Lake.	Didwana salt source.	Pachbhadra salt source.	Falodi salt source.
<i>Receipts.</i>	Rs.	Rs.	Rs.	Rs.	Rs.
Sale proceeds of salt ... ..	...	11,80,669	48,281	81,455	...
Excise duty on salt ... ..	...	47,17,674	3,70,748	7,37,853	...
Proprietary share of Government (Hakimi Cess) in the produce of the Saltaupur salt works.	...	...	...	...	...
Fees for licenses for salino works, Internal Branch ... ..	...	...	...	...	...
Miscellaneous, including fines and forfeitures ... ..	...	1,009	112	135	...
Through Traffic Collections ... ..	...	34,104	...	10,257	...
Total ... ..	...	59,33,456	4,19,141	8,19,700	...
Total of 1911-12 ... ..	...	56,28,516	3,80,426	8,27,262	...
<i>FIXED CHARGES.</i>					
<i>Officers.</i>					
Commissioner ... ..	23,800	...	...	...	...
Deputy Commissioner ... ..	15,520	...	...	...	...
Personal Assistant to Commissioner ... ..	4,544	...	...	...	...
Assistant Commissioners ... ..	...	11,931	...	6,253	...
Exchange Compensation Allowance ... ..	1,600	714	...	...	...
<i>Office Establishment.</i>					
Clerks ... ..	15,189	15,683	...	3,940	...
Servants and Guards ... ..	2,134	3,642	...	2,254	...
<i>Preventive Establishment.</i>					
Superintendents and Assistant Superintendents ... ..	...	36,161	4,665	7,779	...
Inspectors ... ..	...	9,206	600	4,262	...
Clerks ... ..	...	3,151	264	...	...
Kotgushts, Jomadars and Havildars ... ..	...	4,081	258	2,448	...
Servants and Guards ... ..	...	15,041	1,394	6,960	...
Medical Establishment ... ..	...	4,120	240	1,565	...
Temporary Establishment ... ..	...	474	177	293	...
Exchange Compensation Allowance ... ..	...	112	...	...	...
Total Fixed Charges ... ..	67,787	1,04,316	7,598	35,714	...
Total of 1911-12 ... ..	67,717	1,18,531	16,490	33,348	...
<i>Contingencies.</i>					
Travelling allowances ... ..	4,277	3,181	26	426	...
Compensation for dearness of food-grain ... ..	...	...	...	...	...
Conveyance of tents and records ... ..	169	41	3	50	...
Purchase and repairs of tents ... ..	197	60	...	2	...
House rent ... ..	...	...	...	...	...
Hot weather charges ... ..	205	303	30	104	...
Service postago } ... ..	1,604	836	35	233	...
Telegrams } ... ..	...	...	...	...	...
Stationery ... ..	143	169	9	108	...
Excavation and manufacture of salt ... ..	...	1,15,318	11,033	55,658	...
Rewards ... ..	...	1	...	...	...
Clearance of through traffic salt ... ..	...	22,514	...	10,623	...
Uniforms ... ..	8,217	27	2	16	...
Water-supply ... ..	...	...	...	1,337	...
Petty construction and repairs ... ..	...	4,118	601	16,340	...
Miscellaneous ... ..	722	3,614	291	1,415	...
Total Contingencies ... ..	15,434	1,50,231	12,090	86,808	...
Total of 1911-12 ... ..	12,196	1,79,800	14,357	78,550	...
<i>Refunds</i>	...	55	...	21	...
Total charges ... ..	83,321	2,51,652	19,638	1,22,743	...
Total of 1911-12 ... ..	10,203	2,93,529	37,352	1,20,197	...
Net receipts ... ..	81,321	56,78,604	3,92,513	6,97,557	...
Percentage of charges ... ..	...	4.20	4.69	14.70	...
Treaty payments ... ..	...	...	...	...	...
Net receipts after deduction of treaty payments ... ..	...	...	...	...	...

Figures for 1911-12 include ...

lix I.

Salt Revenue Department for the year 1912-13.

6	7	8	9	10	11	Heads.
Cis-Indus and Kalabagh Mines.	Kohat mines.	Mandi mines.	Sultanpur salt works.	Internal Branch.	TOTAL.	
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Receipts.
2,53,482	...	...	...	...	17,63,594	1. Sale proceeds of salt.
24,92,922	5,43,852	11,650	28,770	71,056	29,61,523	2. Excise duty on salt.
...	...	...	440	...	440	3. Proprietary share of Government (Hakimi Cess) in the produce of the Sultanpur salt works.
...	...	...	...	47,125	47,125	4. Fees for licences for salino works, Internal Branch.
652	331	...	32	1,574	3,582	5. Miscellaneous including fines and forfeitures.
47,558	...	...	...	...	91,917	6. Through Traffic Collections.
57,94,819	5,44,183	11,650	29,218	1,19,575	1,16,51,812	Total.
57,70,192	5,34,513	12,750	31,364	1,09,842	1,12,97,172	Total of 1911-12.
...	...	...	...	...	25,800	FIXED CHARGES.
...	...	...	...	...	15,550	Commissioner.
...	...	...	...	...	4,541	Deputy Commissioner.
5,537	7,057	...	...	16,816	45,284	Personal Assistant to Commissioner.
...	413	...	...	685	3,702	Assistant Commissioners.
7,717	3,370	...	...	9,650	55,693	Exchange Compensation Allowance.
1,417	1,749	...	...	1,242	12,433	Clerks.
35,135	13,624	...	4,500	27,117	1,32,567	Servants and Guards.
7,255	3,102	8,120	1,620	29,132	70,704	Preventive Establishment.
2,253	813	...	323	6,389	13,293	Superintendents and Assistant Superintendents.
6,625	4,251	227	757	1,286	29,114	Inspectors.
31,125	27,352	1,153	3,417	17,153	1,05,656	Clerks.
2,095	240	...	...	...	8,260	Kotwalis, Jomadars and Havildars.
1,553	...	...	...	1,193	3,504	Servants and Guards.
492	...	...	309	...	814	Medical Establishment.
1,07,793	63,928	4,339	11,197	1,03,163	5,05,125	Temporary Establishment.
1,05,267	16,168	4,412	9,389	1,03,399	5,21,841	Exchange Compensation Allowance.
4,074	7,583	16	150	25,727	45,460	Total Fixed Charges.
162	...	...	...	33	201	Total of 1911-12.
...	535	...	...	3,692	4,490	Contingencies.
127	8	...	...	984	1,378	Travelling allowances.
...	...	360	...	433	793	Compensation for dearness of food grain.
277	173	...	29	400	1,521	Conveyance of tents and records.
1,570	639	...	60	1,963	6,990	Purchase and repairs of tents.
415	175	1	11	429	1,479	Honour-rent.
2,31,543	...	...	...	...	4,10,552	Hot weather charges.
57	186	...	...	622	866	Service postage & Telegrams.
4,285	...	...	...	...	74,522	Stationery.
37	25	...	7	41	8,375	Excavation and manufacture of salt.
718	...	...	...	...	2,051	Rewards.
23,331	7,622	...	923	100	58,235	Clearance of through traffic salt.
5,333	2,570	45	18	913	14,958	Uniforms.
3,17,034	19,716	422	1,198	35,346	6,27,809	Watch-supply.
2,76,033	19,963	534	1,123	35,210	6,78,355	Petty construction and repairs.
125	28	...	...	20,787	21,016	Miscellaneous.
4,24,954	82,772	4,952	12,395	1,59,293	11,64,010	Total Contingencies.
3,84,615	78,856	4,918	10,512	1,51,646	11,67,276	Total of 1911-12.
33,62,905	4,61,421	6,678	16,863	—39,718	1,05,07,802	Not receipts.
11-20	15-21	42-53	42-36	133-22	9-97	Percentage of charges.
...	...	...	...	...	31,12,031	Treaty payments.
...	...	...	...	...	73,95,771	Not receipts

made after publication of the report.



## Statement showing the quantities of the various descriptions of salt sold and issued on payment of duty during the year 1912-13.

Particulars.	Description of salt.	1912-13.		REMARKS.
		Quantity of salt sold.	Quantity of salt issued.	
		Mds.	Mds.	
... Salt with 1/4 per cent salt duty at Rs. (c) per British pound (1/4 per cent).	Salt obtained by evaporation of the brine of the Lake.	47,17,674	49,59,638	Sambhar Salt.—Sold at a uniform price of 4 annas a maund. An additional charge of 3 pias a maund is made for clearing salt by the Departmental Agency.
... Salt with 1/4 per cent salt duty at Rs. (c) per British pound (1/4 per cent).	Salt produced by evaporation from well brine	3,70,718	3,67,019	Didwana Salt.—Sold at a uniform price of 2 annas a maund.
... Salt with 1/4 per cent salt duty at Rs. (c) per British pound (1/4 per cent).	Salt obtained from subterranean brine exposed to solar evaporation in large pits.	7,27,833	7,61,351	Pachbhada Salt.—Sold at a uniform price of 1 anna and 6 pias per maund. An additional charge of 3 pias per maund is made on salt cleared by the Departmental Agency.
... Salt with 1/4 per cent salt duty at Rs. (c) per British pound (1/4 per cent).	Rock salt excavated from mines and quarries	31,92,922	31,73,400	Rock Salt.—Sold at a uniform price of 1 anna and two pias a maund from all depôts. An additional charge of 3 pias a maund is made on Khowna salt to cover the cost of its delivery into Railway wagons.
... Salt with 1/4 per cent salt duty at Rs. (c) per British pound (1/4 per cent).	Salt obtained in the refinement of saltpetre	71,034	71,034	Sullampur Salt.—The salt is the property of the manufacturers and is sold by them at varying rates.
... Salt with 1/4 per cent salt duty at Rs. (c) per British pound (1/4 per cent).	Rock salt excavated from quarries	5,43,861	5,43,10	Saltpetre Salt.—The salt is the property of the saltpetre refinors and is sold by them at varying rates.
... Salt with 1/4 per cent salt duty at Rs. (c) per British pound (1/4 per cent).	Salt produced by evaporation from well brine	28,770	28,570	Kohat Salt.—Traders make their own arrangements with the miners of the different quarries for the salt they require. The average price paid is about 94 pias a British maund.
... Salt with 1/4 per cent salt duty at Rs. (c) per British pound (1/4 per cent).	Salt obtained in the refinement of saltpetre	71,034	71,034	Mandi Salt.—The realizations on Mandi salt are divided between the British Government and the Raja of Mandi in the proportion of two-thirds of the duty of 3 annas on every maund to the former and one-third of the duty and the whole of the price to the latter. The price was ten and a half annas a maund throughout the year.
... Salt with 1/4 per cent salt duty at Rs. (c) per British pound (1/4 per cent).	Total	99,82,862	1,02,04,195	
... Salt with 1/4 per cent salt duty at Rs. (c) per British pound (1/4 per cent).	Total of 1911-12	96,77,141	99,61,018	
... Salt with 1/4 per cent salt duty at Rs. (c) per British pound (1/4 per cent).	Rock salt excavated from quarries	93,037	93,037	(a) Khovra (Wanthang) Depôt ... .. Warah Depôt ... .. Nurpur Depôt ... .. Kalabagh Depôt ... .. Total ... ..
... Salt with 1/4 per cent salt duty at Rs. (c) per British pound (1/4 per cent).	Sales of 1911-12	1,10,080	1,10,080	(b) Jatta Depôt ... .. Behadur Khel Depôt ... .. Badrin Depôt ... .. Karak Depôt ... .. Total ... ..
... Salt with 1/4 per cent salt duty at Rs. (c) per British pound (1/4 per cent).	Grand total	1,00,15,919	1,02,97,232	
... Salt with 1/4 per cent salt duty at Rs. (c) per British pound (1/4 per cent).	GRAND TOTAL OF 1911-12	97,87,221	1,00,71,993	(c) Rates of full excise duty maunds 99,52,882 @ Rs. 1-0-0



## Appendix IV.

Statement showing sums due in connection with salt treaties and agreements and amount paid during the year 1912-13.

Agency or Province.	State.	Article of treaty or agreement, etc.	Amount payable.	Amount paid.	REMARKS.
			Rs. A. P.	Rs. A. P.	
RAJPUTANA AGENCY ...	Jaipur ...	XI Old Treaty, Sambhar ...	2,75,000 0 0	2,75,000 0 0	
		II Agreement ...	4,00,000 0 0	4,00,000 0 0	
		VII ditto ...	11,000 0 0	11,000 0 0	
		VIII ditto ...	2,309 2 7	2,309 2 7	
	Jodhpur ...	XI Old Treaty, Sambhar ...	1,25,000 0 0	1,25,000 0 0	
		XI Old Treaty, Nawa Gndha ...	3,00,000 0 0	3,00,000 0 0	
		VI Agreement ...	3,91,800 0 0	3,91,800 0 0	
		VII ditto ...	19,595 5 3	19,595 5 3	
	Jaipur ...	X ditto ...	1,25,000 0 0	1,25,000 0 0	
		Royalty payable on sales at Sambhar, Article XII of Old Treaty.	1,28,254 7 1	1,03,521 0 0	
	Jodhpur ...		2,13,757 6 6	1,72,535 0 0	
	Udaipur ...	IV Agreement ...	12,900 0 0	12,900 0 0	
		V ditto ...	35,000 0 0	35,000 0 0	
		VI ditto ...	1,56,250 0 0	1,56,250 0 0	
	Alwar ...	VII ditto ...	1,25,000 0 0	1,25,000 0 0	
	Kishangarh ...	VII ditto ...	25,000 0 0	25,000 0 0	
	Bikaner ...	VI ditto ...	6,000 0 0	6,000 0 0	
	Bharatpur...	VII ditto ...	1,50,000 0 0	1,50,000 0 0	
		Foreign Department No. 1271, dated 14th June 1879 ...	500 0 0	500 0 0	
	Sirohi ...	IV Agreement ...	1,800 0 0	1,800 0 0	
		Financial Department No. 2905, dated 21st August 1884 ...	9,000 0 0	9,000 0 0	
	Dholpur ...	VII Agreement ...	60,000 0 0	60,000 0 0	
	Bundi ...	IV ditto ...	8,000 0 0	4,666 10 8	
	Tonk ...	IV ditto ...	20,000 0 0	30,000 0 0	Incl for
	Kotah ...	IV and V Agreement ...	19,175 0 0	19,175 0 0	
	Karauli ...	IV Agreement ...	5,000 0 0	5,000 0 0	
		Foreign Department No. 212-J. P., dated 18th April 1882 ...	694 15 0	694 15 0	
	Shahpura ...	IV Agreement ...	5,000 0 0	5,000 0 0	
	Jhalawar ...	IV and V Agreement ...	2,500 0 0	2,500 0 0	
	Isaernardara and Jagirdars of Ajmere.	Foreign Department No. 1271, dated 14th June 1879 ...	4,178 0 0	4,178 0 0	
	Lawa ...	V Agreement ...	709 0 0	359 0 0	
	Kailash ...	Foreign Department No. 846, dated 15th May 1884 ...	105 0 0	105 0 0	
	Mir Abdul Aziz and others, Sambhar.	Finance and Commerce Department No. 427-J., dated 18th February 1899 ...	251 5 6	251 5 6	
	Total Rajp. Agency ...				
	Carried over ...		2,22,870 9 11	23,79,121 7 0	

## Appendix IV—concl'd.

Statement showing sums due in connection with salt treaties and agreements and amount paid during the year 1912-13—  
concl'd.

Agency or Province.	State.	Articles of treaty or agreement, etc.	Amount payable.	Amount paid.	REMARKS.
			Rs. A. P.	Rs. A. P.	
		Brought forward ...	25,38,770 9 11	25,79,131 7 0	
CENTRAL INDIA AGENCY...	Gwalior ...	VII Agreement ...	3,12,500 0 0	3,12,500 0 0	
	Datta ...	VII ditto ...	10,000 0 0	10,000 0 0	
	Bhopal ...	II ditto ...	10,000 0 0	10,000 0 0	
	Jaora ...	II ditto ...	2,500 0 0	2,500 0 0	
	Sitamau ...	II ditto ...	2,000 0 0	2,000 0 0	
	Betham ...	II ditto ...	1,000 0 0	1,000 0 0	
	Indore ...	Supplementary Article to clause 2 of Agreement ...	61,875 0 0	61,875 0 0	
	Dewas (Senior) ...	Supplementary Article to clause 2 of Agreement. ...	412 8 0	412 8 0	
	Dewas (Junior) ...	Supplementary Article to clause 2 of Agreement. ...	412 8 0	412 8 0	
	Sailana ...	Supplementary Article to clause 2 of Agreement. ...	412 8 0	412 8 0	
	Narsingarh ...	Supplementary Article to clause 2 of Agreement. ...	618 12 0	618 12 0	
	Rajgarh ...	Supplementary Article to clause 2 of Agreement. ...	618 12 0	618 12 0	
	Samphar ...	Foreign Department No. 501, dated 4th January 1884 ...	1,450 0 0	1,450 0 0	
		Total Central India Agency ...	4,03,900 0 0	4,03,800 0 0	
PUNJAB PROVINCE ...	Bahawalpur ...	VI Agreement ...	80,000 0 0	80,000 0 0	
NORTH-WEST FRONTIER PROVINCE.	Kohat Chiefs and villagers.	Finance and Commerce Department No. 2546-S. R., dated 12th June 1896 ...	50,000 0 0	49,099 6 8	
		Total Punjab and North-West Frontier Province ...	1,30,000 0 0	1,29,099 6 8	
		GRAND TOTAL ...	31,72,570 9 11	31,12,030 13 8	

## Statement showing the outturn and stocks of salt at the different Salt Sources during the year 1912-13.

Salt Sources.	Opening balance of stock.	CREDITS.			Total stock.	DEBITS.				Closing balance of stock.*	REMARKS.
		Quantity of salt manufactured or excavated.	Excess discovered in heaps of salt cleared.	Total.		Quantity of salt sold.	Issues of salt free of both price and duty.	Deficits found in heaps of salt cleared.	Total.		
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	
<b>HASPUTANA SOURCES.</b>											
Sambhar "	46,85,753	21,85,032	76,916	22,62,548	69,48,300	47,32,074	24,110	4,53,660	52,00,444	17,47,856	Sambhar, 111 heaps were cleared with a net deficit of maunds 3,76,145 or 6.83 per cent.
Paohbhadra "	2,94,673	6,71,943	2,53,451	9,25,394	12,20,067	8,68,850	11,000	...	8,79,850	(a) 3,40,217	Paohbhadra, 105 heaps were cleared with a net excess of maunds 2,53,451 or 25.59 per cent.
Didwana "	2,83,197	3,10,183	17,171	3,27,364	6,10,561	3,86,248	...	5,503	3,01,751	2,18,810	Didwana, 4 heaps were cleared with a net excess of maunds 11,667 or 3.35 per cent.
Falodi "	...	...	...	...	...	...	...	...	...	...	
Total	52,63,622	31,67,769	3,47,538	95,15,306	87,78,928	59,77,772	35,110	4,59,163	64,72,045	28,00,883	
Total of 1911-12	84,10,748	22,06,661	5,08,553	27,15,214	1,11,25,962	56,51,035	33,610	1,77,645	58,62,310	52,63,622	
<b>Ch-INDUS AND KALABAGH MINES.</b>											
Mayo Mine	4,19,608	31,99,403	...	31,99,403	36,19,011	30,79,106	...	...	30,79,106	5,39,905	*These balances are the following quantities of salt for which Ravannahs were granted but for which no salt was issued by the close of March 1913.
Warcha Mine	11,595	1,89,537	...	1,89,537	1,71,132	1,59,537	...	...	1,59,537	11,595	
Narpur Mine	...	5,160	...	5,160	5,160	5,160	...	...	5,160	...	
Kalabagh Quarries	20,494	2,88,034	...	2,88,034	3,08,578	2,49,119	...	...	2,49,119	59,459	
Total	4,51,697	30,52,184	...	30,52,184	41,03,881	31,92,222	...	...	34,92,922	6,10,959	
Total of 1911-12	3,04,192	36,39,504	...	36,39,504	39,43,696	34,91,999	...	...	84,91,999	4,51,697	
Saltanpur Salt Works	5,575	23,434	2,408	25,812	31,417	28,770	...	...	28,770	2,647	
Figures of 1911-12	2,155	31,004	4,330	35,394	37,489	31,860	...	54	31,914	5,575	

(a) Includes maunds 69,943 the probable existing excess of 25 per cent over the recorded closing balance of maunds 2,72,174.

Maunds.

Sambhar ... 4,04,330

Paohbhadra ... 43,712

Didwana ... 6,622

Ch-Indus and Kalabagh Mines 88,016

Saltanpur Salt Works ... 200

Total ... 6,32,860

Statement showing the territorial distribution of the salt issued by the Northern India Salt Revenue Department over areas of consumption during the year 1912-13.

## AREAS OF CONSUMPTION.

Description of salt.	AREAS OF CONSUMPTION.															REMARKS.
	Delhi Imperial City.	Punjab, including Feudatory States.	North-West Frontier Province.	Jammu and Kashmir.	British Baluchistan.	Afghanistan and Independent territory west of the Indus.	United Provinces of Agra and Oodh.	Province of Behar.	Bengal.	Central Provinces and Berar.	Rajputana	Central India.	Sind.	Bombay.	Total.	
Cis-Indus and Kurabagh Mines rock salt	Mds. 15,050	Mds. 21,01,424	Mds. 38,677	Mds. 89,558	Mds. 7,233	Mds. ...	Mds. 6,89,579	Mds. 1,71,664	Mds. 4,500	Mds. 900	Mds. 92	Mds. 641	Mds. 47,924	Mds. 6,168	Mds. 84,73,460	
Kohat Rock salt	...	23	5,27,750	...	...	15,324	...	...	...	...	...	...	...	...	5,43,103	
Mandi Rock salt	...	93,037	...	...	...	...	...	...	...	...	...	...	...	...	93,037	
Salt of the Sultanpur Salt Works	1,575	1,495	...	...	...	...	25,500	...	...	...	...	...	...	...	28,570	
Sambhar salt	90,930	1,21,910	...	...	...	...	32,87,797	33,724	...	1,01,665	7,77,077	5,75,645	...	...	49,88,748	
Diwana salt	...	2,62,926	...	...	...	...	960	...	...	...	1,18,634	...	...	...	3,82,520	
Pachbhadra salt	5	...	...	...	...	...	1,55,337	...	...	1,73,908	2,76,824	2,95,049	2,175	...	9,03,298	
Foladi salt	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Saltpetre salt	...	...	...	...	...	...	53,370	17,673	...	...	...	...	...	...	71,054	
Total	1,07,500	28,80,815	5,63,433	89,558	7,233	15,324	42,12,549	2,23,066	4,500	2,76,473	11,72,627	8,71,335	50,089	6,168	1,04,83,790	
Total of 1911-12	...	30,53,224	5,74,293	1,03,166	7,562	20,074	41,17,863	2,21,190	2,700	2,23,475	11,04,743	6,87,646	79,587	3,405	1,01,98,928	

Further details of the distribution of the salt sold and issued from the Mandi quarries.

Name of mine.	QUANTITY SOLD FOR CONSUMPTION IN BRITISH TERRITORY.					QUANTITY SOLD FOR CONSUMPTION IN NATIVE STATES.					Total quantity of salt cleared.
	Kangra.	Kulu.	Simla.	Total.	Mandi.	Suket.	Chumha.	Bilaspur.	Rampur Basha.	Total.	
...	Mds. 9,948	Mds. 813	Mds. ...	Mds. 10,761	Mds. 11,300	Mds. ...	Mds. 118	Mds. ...	Mds. ...	Mds. 11,418	Mds. 22,179
...	14,118	18,453	268	32,839	28,218	5,363	...	2,734	1,704	38,019	70,858
Total	24,066	19,266	268	43,600	39,518	5,363	118	2,734	1,704	49,437	93,037
Total of 1911-12	36,219	20,940	405	57,464	40,918	5,834	5	3,361	2,498	52,616	1,10,080

1001-12

# Appendix VII.

Statement showing what the sale price of salt should be at the Rajputana Salt Sources under the orders contained in Resolution No. 326, dated 17th January, 1882 of the Department of Finance and Commerce calculated for a period of 31 years from 1st April, 1882 to 31st March, 1913.

Salt Sources.	Balances of salt in stock at commencement of the period and the quantity of salt produced less ascertained wastage and issues free of cost to Durbars.	EXPENDITURE INCURRED.						RECEIPTS.				Difference between receipts and expenditure.	
		Cost of manufacture and storage.	Cost of supervision.	Share of cost of Hospital establishment medicines, etc.	Interest on capital expenditure and outlay on account of works at 4 per cent up to 31st March 1900 and 3½ per cent. afterwards.	Rent of sources including Royalty on sales.	Leave and Pensionary charges.	Total expenditure.	Average expenditure per maund produced.	Quantity of salt sold during the period.	Realized on account of price.		Average price per maund on salt sold.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs.	Rs.	Rs.	Rs.	Rs. (a)	Rs.	Rs.	Rs.	Mds.	Rs.	Rs.	Rs.
Sambhar	12,72,60,013	36,93,217	9,93,857	22,017	12,03,858	1,44,86,538	1,69,193	2,05,68,660	0 2 7-03	12,55,12,157	3,13,20,841	0 3 11-91	+ 1,07,52,181
Didwana	1,07,89,902	2,66,028	67,679	6,126	2,808	6,25,422	18,190	9,86,253	0 1 5-55	1,05,71,092	9,33,423	0 1 4-95	- 52,880
Pochkhadrn	2,09,76,960	13,96,222	81,790	7,874	17,048	12,24,966	32,131	27,59,931	0 2 1-26	2,07,04,786	20,25,015	0 1 6-77	- 7,34,916
Closed Salt Sources	4,03,615	22,497	...	...	...	23,881	...	46,378	0 1 10-06	4,03,645	53,391	0 2 1-39	+ 7,013
Total	15,94,30,520	53,77,964	11,43,306	36,017	12,23,714	1,63,69,807	2,19,414	2,43,61,222	0 2 5-34	15,71,91,680	3,43,32,670	0 3 5-91	+ 99,71,448

(o) Includes Rs. 70,00,807 on account of actual Royalty payments made during the period—

Balance of salt in stock at commencement of the period, Stock balance on 31st March 1913.

	Maunds.	Maunds.
Sambhar	46,85,753	17,47,856
Didwana	2,83,197	2,18,610
Pochbhadr	2,94,673	3,40,217*
Closed Salt Sources	...	...
Total	52,63,623	23,06,683

Note.—The figures in column 7 indicate:—

Opposite Sambhar.—The actual Royalty payments plus the rateable share calculated on the sales of the fixed sum of Rs. 3,00,000 a year chargeable against the selling price of salt at the whole of the Rajputana Salt Sources under the orders of Government of India conveyed in letter No. 541, dated 22nd November 1890.  
Opposite the remaining and closed salt sources the rateable share calculated on the sales of the fixed sum of Rs. 3,00,000 above referred to.

Total through traffic receipts during the period ... 10,69,048  
Expenditure ... 11,16,574  
Balance ... -47,526

\* Includes maunds 68,043 the probable existing excess of 25 per cent. over the recorded closing stock balance of maunds 2,72,174.

The following statement exhibits the yearly account from 1908-09 to 1912-13 separately.

Salt Sources.	Quantity of salt produced during the year less ascertained wastage and issues free of cost to Durbars.	EXPENDITURE INCURRED.							RECEIPTS.				Difference between receipts and expenditure.	
		Cost of manufacture and storage.	Cost of supervision.	Share of cost of hospital establishment, medicines, etc.	Interest on capital expenditure on account of upkeep of works at 3½ per cent.	Rent of sources including royalty on sales.	Levy and pensionary charges.	Total expenditure.	Average expenditure per maul on salt produced.	Quantity of salt sold.	Realized on account of price.	Average price per maul on salt sold.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	
	Mds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.	Rs.	Rs.	Rs. A. P.	Rs.	
Sambhar ...	60,57,111	1,74,555	39,688	861	52,419	5,99,756	5,915	8,73,354	0 2 3-69	52,02,836	13,00,709	0 4 0	+ 4,27,355	
Didwana ...	2,89,264	7,913	2,610	219	121	10,193	671	21,887	0 1 2-53	2,11,809	9,929	0 0 9	— 11,059	
Pachbhadra ...	5,07,862	31,145	6,308	268	1,337	31,486	998	71,622	0 3 3-08	6,35,579	59,485	0 1 6	— 12,037	
Closed salt sources ...	...	...	...	...	...	277	...	277	...	5,580	523	0 1 6	+ 216	
Total	68,54,237	2,13,943	48,696	1,368	53,907	6,42,012	7,514	9,07,110	0 2 3-09	60,55,863	13,70,716	0 3 7-40	+ 4,03,606	
(a) Includes Rs. 3,42,012 on account of actual royalty payments during the year.														
Balance of salt in stock at the close of the year.														
Mds.														
Sambhar ...	...	...	...	...	...	4,61,293	...	...	...	...	...	...	32,697	
Didwana ...	...	...	...	...	...	3,50,764	...	...	...	...	...	...	27,055	
Pachbhadra ...	...	...	...	...	...	— 48,286(b)	...	...	...	...	Balance	...	5,012	
(b) Includes an excess of 25 per cent. over the recorded balance.														
1909-10.														
Sambhar ...	65,14,698	1,67,223	38,842	1,160	51,599	(a) 0,02,212	5,677	8,69,633	0 2 1-63	48,05,112	12,01,278	0 4 0	+ 3,31,625	
Didwana ...	2,69,359	7,510	2,610	201	127	17,230	571	28,279	0 1 8-15	3,25,379	19,984	0 0 11-79	— 8,295	
Pachbhadra ...	7,45,164	44,036	6,308	248	1,361	27,917	998	80,928	0 1 8-95	5,27,172	49,122	0 1 6	— 31,506	
Closed salt sources ...	...	...	...	...	...	395	...	395	...	7,158	699	0 1 6	+ 304	
Total	75,29,221	2,18,769	47,850	1,609	53,997	6,47,781	7,249	9,79,355	0 2 0-97	56,55,121	12,71,393	0 3 7-09	+ 2,92,128	

(a) Includes Rs. 3,47,781 on account of actual royalty payments during the year.

Balance of salt in stock at the close of the year.

Mds.

Sambhar ...

Didwana ...

Pachbhadra ...

(b) Includes an excess of 25 per cent over the recorded balance.

Total through traffic receipts...

Expenditure ...

Balance ...

Rs.

26,283

26,807

— 525



# Appendix VII-A.

Statement showing what the sale price of salt should be at the Salt Sources of the Cis-Indus and Kalabagh Mines Division under the orders contained in Resolution No. 526, dated 17th January, 1882, of the Department of Finance and Commerce calculated for a period of 19 years from 1st April, 1894 to 31st March, 1913.

COST OF SALT.										SALES.		PRICE.		PROFIT OR LOSS.	
EXCAVATION AND STORAGE.										Quantity.	Total amount realized,	Average rate per maund.	Total amount of profit or loss.	Profit or loss per maund.	
Quantity.	Interest on capital expenditure.	Other charges.	Leave and pensionary charges.	Total.	Average rate per maund.										
1	2	3	4	5	6	7	8	9	10	11	12				
	Mds.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.	Mds.	Rs.	Rs. A. P.	Rs.	Rs. A. P.				
...	4,43,10,688	3,77,472	24,65,944	32,393	28,75,799	0 1 0 46	4,43,10,688	24,73,922	0 0 10 72	-4,01,877	-0 0 1 74	...			
...	81,804	134	3,195	...	3,329	0 0 7 80	81,894	4,017	0 0 9 42	+688	+0 0 1 62	...			
...	24,34,579	3,109	1,28,016	5,080	1,36,205	0 0 10 74	24,34,579	1,19,990	0 0 9 46	-16,215	-0 0 1 28	...			
...	38,39,270	1,324	1,29,310	2,674	1,96,308	0 0 9 82	38,39,270	1,88,926	0 0 9 45	-7,382	-0 0 0 87	...			
Total	5,06,66,431	3,83,039	27,89,465	40,137	32,11,641	0 1 0 17	5,06,66,431	27,86,855	0 0 10 56	-4,24,786	-0 0 1 61	...			
										Total through traffic receipts		10,41,246			
										Expenditure		7,40,089			
										Balance		+3,01,157			



The following statement exhibits the yearly account from 1908-09 to 1912-13 separately.

COST OF SALT.												PROFIT OR LOSS.									
EXCAVATION AND STORAGE.												PRICE.		Profit or loss per maund.							
SALES.						AVERAGE RATE PER MAUND.		TOTAL AMOUNT OF PROFIT OR LOSS.		Profit or loss per maund.											
Quantity.		Interest on capital expenditure.		Other charges.		Leave and pensionary charges.		Total.			Average rate per maund.		Total amount realized.		Average rate per maund.						
2		3		4		5		6		7		8		9		10		11		12	
Mds.		Rs.		Rs.		Rs.		Rs.		Rs. A. P.		Mds.		Rs.		Rs. A. P.		Rs.		Rs. A. P.	
1910-11.	...	...	24,285	1,66,135	1,827	1,92,247	0 1 1-00	28,38,786	1,88,271	0 1 0-73	-3,976	-0 0 0-27	-0 0 0-27	-0 0 0-27	-0 0 0-27	-0 0 0-27	-0 0 0-27	-0 0 0-27	-0 0 0-27	-0 0 0-27	
Khewrah	...	...	15	189	...	204	0 0 8-16	4,802	242	0 0 9-63	+28	+0 0 1-52	+0 0 1-52	+0 0 1-52	+0 0 1-52	+0 0 1-52	+0 0 1-52	+0 0 1-52	+0 0 1-52	+0 0 1-52	
Nurpur	...	...	267	7,693	257	8,217	0 0 10-29	1,53,350	7,753	0 0 9-71	-464	-0 0 0-58	-0 0 0-58	-0 0 0-58	-0 0 0-58	-0 0 0-58	-0 0 0-58	-0 0 0-58	-0 0 0-58	-0 0 0-58	
Warcha	...	...	86	14,697	247	15,030	0 0 9-51	3,03,158	15,257	0 0 9-66	+227	+0 0 0-15	+0 0 0-15	+0 0 0-15	+0 0 0-15	+0 0 0-15	+0 0 0-15	+0 0 0-15	+0 0 0-15	+0 0 0-15	
Kalabagh	...	...	24,653	1,88,714	2,331	2,15,698	0 1 0-55	33,00,096	2,11,523	0 1 0-30	-4,175	-0 0 0-25	-0 0 0-25	-0 0 0-25	-0 0 0-25	-0 0 0-25	-0 0 0-25	-0 0 0-25	-0 0 0-25	-0 0 0-25	
Total	...	...	24,653	1,88,714	2,331	2,15,698	0 1 0-55	33,00,096	2,11,523	0 1 0-30	-4,175	-0 0 0-25	-0 0 0-25	-0 0 0-25	-0 0 0-25	-0 0 0-25	-0 0 0-25	-0 0 0-25	-0 0 0-25	-0 0 0-25	
Total through traffic receipts												Rs. 43,824	Rs. 43,824	Rs. 43,824							
Expenditure												48,478	48,478	48,478							
Balance												...	...	...							
Total through traffic receipts												...	...	...							
Expenditure												...	...	...							
Balance												...	...	...							
Total through traffic receipts												Rs. 46,393	Rs. 46,393	Rs. 46,393							
Expenditure												46,724	46,724	46,724							
Balance												...	...	...							
Total through traffic receipts												...	...	...							
Expenditure												...	...	...							
Balance												...	...	...							

The following statement exhibits the yearly account from 1908-09 to 1912-13 separately.

COST OF SALT.															
EXCAVATION AND STORAGE.										SALES.		PRICE.		PROFIT OR LOSS.	
		Quantity.	Interest on capital expenditure.	Other charges.	Leave and pensionary charges.	Total.	Average rate per maund.	Quantity.	Total amount realized.	Average rate per maund.	Total amount of profit or loss.	Profit or loss per maund.			
1		2	3	4	5	6	7	8	9	10	11	12			
		Mds.	Rs.	Rs.	Rs.	Rs.	Rs. A. P.	Mds.	Rs.	Rs. A. P.	Rs.	Rs. A. P.			
1912-13.	...	30,79,106	25,590	1,94,017	2,691	2,21,698	0 1 1-82	30,79,106	2,24,228	0 1 1-98	+2,530	+0 0 0-16			
Khewrah	...	5,160	15	284	...	299	0 0 11-13	5,160	373	0 1 1-88	+74	+0 0 2-75			
Nurpur	...	1,59,537	286	10,460	308	11,054	0 1 1-30	1,59,537	11,589	0 1 1-95	+535	+0 0 0-65			
Warcha	...	2,49,119	93	17,138	270	17,501	0 1 1-48	2,49,119	17,269	0 1 1-33	-202	-0 0 0-15			
Kalabagh	...														
Total	...	34,92,922	25,984	2,21,899	2,669	2,50,552	0 1 1-77	34,92,922	2,53,489	0 1 1-93	+2,937	+0 0 0-16			
Total through traffic receipts										Total through traffic receipts		Rs.		47,586	
Expenditure										Expenditure		...		50,363	
Balance										Balance		...		2,777	

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## Appendix VIII.

Statement showing the quantities of salt sold under the through traffic system at the Khewrah Depôt in the Cis-Indus Mines Division and at the Sambhar and Pachbhadra Sources in Rajputana, with the proportion borne by the through traffic sales to the total volume of rail-borne trade at these Sources during the year 1912-13.

						Rs.
Khewrah Depôt, <i>Cis</i> -Indus Mines Division	{	Through traffic	...	...	...	30,45,281
		Ordinary	...	...	...	1,66,066
		Total	...	...	...	32,11,347
Sambhar Lake	{	Through traffic	...	...	...	21,79,956
		Ordinary	...	...	...	24,31,410
		Total	...	...	...	46,11,375
Pachbhadra Source	{	Through traffic	...	...	...	6,56,237
		Ordinary	...	...	...	...
		Total	...	...	...	6,56,237
Total	{	Through traffic	...	...	...	53,81,474
		Ordinary	...	...	...	25,97,485
GRAND TOTAL						84,78,959
Proportion of the through traffic trade						69.37
Figures of 1911-12						...
Total	{	Through traffic	...	...	...	53,48,898
		Ordinary	...	...	...	29,04,293
GRAND TOTAL						82,53,191
Proportion of the through traffic trade						64.81

## Appendix IX.

Statement showing the number of traders in each of the Provinces supplied by the Department who dealt with the salt depôts in 1912-13 and the number of marts they represented.

Provinces.		SAMBHAR LAKE.		PACHBHADRA SOURCE.		CIS INDUS MINES DIVISION.		TOTAL.	
		Number of traders.	Number of marts.	Number of traders.	Number of marts.	Number of traders.	Number of marts.	Number of traders.	Number of marts.
United Provinces ...	{ Agra ...	624	57	94	30	230	80	948	157
	{ Oudh ...	159	28	28	10	158	45	315	83
Punjab ...	...	79	9	...	...	1,093	191	1,092	200
North-West Frontier Province ...	...	...	...	...	...	3	3	3	3
Sind ...	...	...	...	...	...	14	5	14	5
Baluchistan ...	...	...	...	...	...	6	3	6	3
Rajputana ...	...	270	12	151	27	3	3	427	42
Central India ...	...	148	16	161	28	2	2	311	48
Central Provinces ...	...	...	...	147	10	1	1	148	11
Behar ...	...	3	1	...	...	54	24	57	25
Bengal ...	...	...	...	...	...	4	4	4	4
Kutch (Gujrat Kathiawar)	...	...	...	...	...	...	...	...	...
Bombay ...	...	...	...	...	...	5	3	5	3
Delhi ...	...	31	1	1	1	10	1	42	3
Total		1,314	124	525	106	2,207	365	4,122	235
Total of 1911-12		1,153	122	571	86	2,227	351	4,071	219

## Appendix X.

Statement showing the number of licenses issued for the manufacture of saline substances and the fees realised in the Internal Branch of the Northern India Salt Revenue Department, during the year 1912-13.

	SALTPETRE REFINERIES.		CRUDE SALT-PETRE.		KHARI.		SAJJI.		RASSI.		TOTAL.	
	Number.	Fees.	Number.	Fees.	Number.	Fees.	Number.	Fees.	Number.	Fees.	Number.	Fees.
North-West Frontier Province ...	3	150	25	50	..	..	...	...	...	...	28	200
Punjab ...	14	700	1,341	3,082	...	..	...	...	...	...	1,555	3,782
United Provinces of Agra and Oudh ...	80	3,022	5,309	10,600	503	3,774	524	1,048	87	174	6,563	19,516
Province of Behar ...	209	10,413	27,237	6,609	10,319	2,580	1	...	...	...	37,766	19,802
Total ...	306	15,185	34,112	20,541	10,852	6,354	525	1,048	87	174	45,912	(a) 43,302
Total of 1911-12 ...	313	15,650	34,431	20,017	11,453	6,378	676	1,345	214	423	47,087	43,818(b)

(a) Excludes Rs. 3,583 on account of fees on mannds 7,666 of Sitta (impure saltpetre salt) excised at eight annas a maund.

(b) Excludes Rs. 3,640 on account of fees on mannds 7,180 Sitta (impure saltpetre salt) excised at eight annas a maund.

## Appendix XI.

Statement showing the work done in the saltpetre refineries of the Internal Branch of the Northern India Salt Revenue Department, during the year 1912-13.

Provinces.	Number of saltpetre refineries which worked.	REFINEMENT OF SALT-PETRE.			EDUCTION OF SALT.				SALT DISPOSED OF		SITTA DISPOSED OF	
		Quantity of saltpetre utilised for refinement.	Quantity of refined saltpetre produced.	Percentage of refined produce on saltpetre utilised for refinement.	Purified salt.	Sitta (impure salt).	Total.	Percentage of salt educed on saltpetre utilised for refinement.	Salt excised.	Salt destroyed.	Sitta excised.	Sitta destroyed.
North-West Frontier Province ...	3	460	269	58.47	..	23	23	5.00	...	...	...	29
Punjab ...	25	2,64,096	94,147	35.65	...	91,581	91,581	34.67	...	...	7,359	83,780
United Provinces of Agra and Oudh ...	77	3,15,608	1,74,207	55.19	59,159	96,495	1,55,654	49.31	53,140	9,222	235	81,361
Province of Behar ...	210	3,29,183	2,19,962	66.82	24,791	46,133	70,921	21.55	17,678	5,902	...	48,906
Total ...	315	9,09,407	4,83,585	53.72	83,950	2,34,232	3,18,182	34.93	70,818	15,124	7,594	2,14,076
Total of 1911-12 ...	320	7,80,819	4,37,541	56.03	78,776	1,93,924	2,72,700	34.92	61,778	10,563	7,254	1,04,459

## Appendix XII.

Comparative statement showing the annual average prices of salt in the principal marts of Northern and Central India for the years 1911-12 and 1912-13.

Mart and Province.	RETAIL PRICES PER BRITISH MAUND RECORDED BY THE STATISTICAL BUREAU. (a)		WHOLESALE PRICES PER BRITISH MAUND AS ASCERTAINED BY OFFICERS OF THE DEPARTMENT.		
	1911-12.	1912-13.	Description of salt.	1911-12.	1912-13.
	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
<b>North-West Frontier Province.</b>					
Peshawar ... ..	1 9 5	1 9 7	Cis-Indus rock ... ..	1 8 1	1 8 1
			Kohat rock ... ..	...	...
Dera Ismail Khan ... ..	1 7 8	1 7 8	.....	...	...
<b>Punjab.</b>					
Lahore ... ..	1 9 7	1 9 7	Cis-Indus rock ... ..	1 6 9	1 6 5
Rawalpindi ... ..	1 8 7	1 8 1	.....	...	...
Shahpur ... ..	1 12 4	1 12 6	Cis-Indus rock ... ..	1 8 0	...
Multan ... ..	1 11 4	1 10 2	Cis-Indus rock ... ..	1 8 8	1 8 9
Amritsar ... ..	1 8 2	1 7 11	Cis-Indus rock ... ..	1 7 3	1 7 3
Jullundur ... ..	1 8 8	1 9 5	.....	...	...
Ludhiana ... ..	1 8 8	1 9 0	Cis-Indus rock ... ..	1 7 4	1 7 6
Ferozepore ... ..	1 11 9	1 12 6	Cis-Indus rock ... ..	1 7 10	1 8 2
Ambala .. ..	1 8 9	1 7 8	.....	...	...
			Cis-Indus rock ... ..	1 11 8	1 11 9
			Sambhar ... ..	1 10 3	1 11 9
Delhi ... ..	1 13 1	1 13 8	Didwana ... ..	1 10 7	...
			Sultanpuri ... ..	1 9 0	...
			Pachbhadra ... ..	...	...
<b>United Provinces of Agra and Oudh.</b>					
			Cis-Indus rock ... ..	1 11 1	1 10 0
			Sultanpuri ... ..	1 11 11	1 9 11
Meerut ... ..	1 12 10	1 12 9	Didwana ... ..	...	...
			Pachbhadra ... ..	...	1 12 0
			Sambhar ... ..	1 11 4	1 11 9
			Cis-Indus rock ... ..	1 15 0	1 15 11
			Sambhar ... ..	1 11 0	1 11 9
Agra ... ..	1 12 5	1 12 11	Saltpetre ... ..	...	1 8 0
			Pachbhadra ... ..	1 11 9	1 12 10
			Didwana ... ..	...	1 13 3
Jhansi ... ..	2 0 7	2 1 1	Cis-Indus rock ... ..	1 13 8	1 13 5
			Sultanpuri ... ..	1 14 8	1 13 5
			Sambhar ... ..	1 13 2	1 12 8
Cawnpur .. ..	1 13 1	1 13 2	Pachbhadra ... ..	1 14 0	1 13 9
			Saltpetre ... ..	1 7 0	1 8 6
			Cis-Indus rock ... ..	1 14 7	1 14 6
Allahabad ... ..	2 0 5	2 1 1	Sambhar ... ..	1 14 11	1 14 6

(a) All retail prices are those of the kind of salt in common use.

## Appendix XII—contd.

Comparative statement showing the annual average prices of salt in the principal marts of Northern and Central India for the years 1911-12 and 1912-13—contd.

Mart and Province.	RETAIL PRICES PER BRITISH MAUND RECORDED BY THE STATISTICAL BUREAU. (a)		WHOLESALE PRICES PER BRITISH MAUND AS ASCERTAINED BY OFFICERS OF THE DEPARTMENT.		
	1911-12.	1912-13.	Description of salt.	1911-12.	1912-13.
	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
United Provinces of Agra and Oudh—concl'd.			Cis-Indus rock ...	1 13 0	1 13 1
Benares ...	2 5 11	2 5 0	Sambhar ...	1 16 0	2 0 1
			Baragara ...	2 2 9	2 3 1
			Pachbhadra ...	2 3 0	...
Ghaziipur ...	2 5 4	2 6 8	Cis-Indus rock ...	...	2 3 0
			Baragara ...	2 2 7	2 2 10
			Saltpetre ...	...	1 3 0
			Cis-Indus rock ...	2 2 10	2 3 2
			Sambhar ...	...	...
			French ...	...	...
Gorakhpur ...	2 2 1	2 2 10	Saltpetre ...	2 0 0	...
			Baragara ...	2 1 7	2 1 11
			Jedda ...	...	...
			Aden ...	2 0 5	2 0 5
			Salif ...	2 0 11	2 3 0
			Spanish ...	2 0 8	2 1 0
Shahjahanpur ...	2 0 8	2 1 9	Cis-Indus rock ...	1 14 5	1 14 2
			Sambhar ...	1 14 6	1 14 4
Bareilly ...	1 15 8	1 15 7	Cis-Indus rock ...	1 14 1	1 13 11
			Sambhar ...	1 13 6	1 13 10
			Pachbhadra ...	...	1 14 0
Lucknow ...	2 3 5	2 3 2	Cis-Indus rock ...	1 14 1	1 14 8
			Sambhar ...	1 13 5	1 13 11
Fyzabad ...	2 2 1	2 2 4	.....	...	...
Behar.					
			Cis-Indus rock ...	2 2 0	2 3 3
Fatna ...	2 0 0	2 0 2	Liverpool ...	2 1 0	2 2 0
			Saltpetre ...	...	...
			Salif ...	1 15 1	2 1 1
			Cis-Indus rock ...	2 5 8	2 5 11
Saran (Chapra) ...	2 2 3	2 2 3	Liverpool ...	2 2 3	2 1 7
			Hamburg ...	...	..
			Liverpool ...	2 3 7	2 1 10
			French ...	...	..
			Jidda ...	...	1 15 3
Muzaffarpur ...	2 2 4	2 2 7	Hamburg ...	...	2 1 0
			Saltpetre ...	2 0 10	1 4 0
			Salif ...	2 0 9	2 1 6
			Cis-Indus rock ...	2 7 5	2 8 9

(a) All retail prices are those of the kind of salt in common use.



## Appendix XII—concl'd.

Comparative statement showing the annual average prices of salt in the principal marts of Northern and Central India for the years 1911-12 and 1912-13—concl'd.

Mart and Province.	RETAIL PRICES FOR BRITISH MAUND RECORDED BY THE STATISTICAL BUREAU. (a).		WHOLESALE PRICES PER BRITISH MAUND AS ASCERTAINED BY OFFICERS OF THE DEPARTMENT.		
	1911-12.	1912-13.	Description of salt.	1911-12.	1912-13.
	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
Bohar—concl'd.					
Champan (Motihati) ...	2 3 4	2 4 7	Cis-Indus rock ...	...	...
			Liverpool ...	2 3 2	2 3 0
			Hamburg ...	...	...
Monghyr ...	2 0 5	2 2 4	Cis-Indus rock ...	2 8 3	2 6 8
			Liverpool ...	2 0 7	1 14 3
			Hamburg ...	1 14 2	1 15 5
Gaya ...	2 5 7	2 6 6	Cis-Indus rock ...	2 6 5	2 3 10
			Liverpool ...	2 2 2	2 2 2
			Salif ...	2 2 0	2 0 0
			Sambhar ...	3 0 0	...
Central Provinces.					
Jabalpur ...	2 7 6	2 6 4	.....	...	...
Saugor ...	2 2 11	2 2 4	.....	...	...
Nagpur ...	2 8 0	2 8 6	.....	...	...
Nimar ...	2 7 1	2 4 7	.....	...	...
Hoshangabad ...	2 8 0	2 8 0	.....	...	...
Raipur ...	2 9 5	2 7 9	.....	...	...
Rajputana.					
Mewar ...	2 3 1	2 3 1	.....	...	...
Ajmer ...	1 10 8	1 10 9	Cis-Indus rock ...	...	2 12 0
			Sambhar ...	1 8 3	1 8 3
			Puchbhadra ...	...	1 8 6
Jodhpur ...	2 6 8	2 6 11	.....	...	...
Jaipur ...	1 10 2	2 11 9	.....	...	...
Bharatpur ...	1 12 6	1 13 3	.....	...	...
Central India.					
Indore ...	2 5 7	2 5 8	.....	...	...
Neemuch ...	1 13 1	1 13 1	.....	...	...
Gwalior ...	2 0 0	2 0 2	.....	...	...
Average retail.					
North-West Frontier Province, trans-Indus	1 8 7	1 8 7	.....	...	...
Punjab, cis-Indus ...	1 10 0	1 9 11	.....	...	...
United Provinces of Agra and Oudh	2 1 0	2 0 11	.....	...	...
Behar ...	2 2 3	2 2 11	.....	...	...
Central Provinces and Berar	2 7 1	2 6 4	.....	...	...
Rajputana	1 14 3	1 14 8	.....	...	...
Central India	2 0 7	2 0 7	.....	...	...

## Appendix XIII.

*Statistics of supplies of Salt to and exports from the different Provinces with which the Northern India Salt Revenue Department has dealings (omitting Baluchistan, the information regarding that area being imperfect) for the three years ending with 1912-13.*

	1910-11.	1911-12.	1912-13.	Average of 3 years.
<b>THE NORTH-WEST FRONTIER PROVINCE.</b>				
<i>Supply of Salt.</i>				
Issued from the Kohat Mines Division (Departmental Statistics) ...	4,55,821	5,36,254	5,43,103	5,11,726
Saltpetre Salt (Departmental Statistics) ... ..	...	...	...	...
Imported from the cis-Indus Mines Division (Departmental Statistics) ...	48,883	58,119	38,677	48,561
Total ...	5,04,710	5,94,373	5,81,780	5,60,237
<i>Exports.</i>				
Exported beyond the border (Provincial trade Statistics) ... ..	3,33,676	3,51,432	3,85,041	3,56,716
„ into the Punjab (Departmental Statistics) ..	25	6	23	18
Total ...	3,33,701	3,51,438	3,85,064	3,56,734
Balance ... ..	1,71,009	2,42,935	1,96,716	2,03,558
Average consumption per head of population 21,99,029 souls ...	...	...	736 lbs.	762 lbs.
<b>THE PUNJAB.</b>				
<i>Supply of Salt.</i>				
Issued from the cis-Indus Mines Division (Departmental Statistics) ...	32,95,563	34,84,200	34,73,460	34,17,741
„ „ „ Mandi Mines (Departmental Statistics) ..	96,695	1,10,080	93,037	99,938
„ „ „ Sultanpur Salt Works (Departmental Statistics) ...	23,143	31,985	28,570	27,897
Imports from Tibet and Ladakh (Provincial trade Statistics) ... ..	1,578	1,772	9,179	4,176
„ by railway and river (Provincial trade Statistics) ... ..	3,75,079	3,69,300	3,60,663	3,68,348
„ of Didwana Salt by road (Departmental Statistics) ... ..	...	32,037	1,16,708	49,583
„ of Kohat Salt by road „ „ ... ..	25	6	23	18
Saltpetre Salt (Departmental Statistics) ... ..	...	47	..	16
Total ...	37,92,083	40,29,427	40,81,640	39,67,717
<i>Exports.</i>				
Exports by railway and river (Provincial trade Statistics) ... ..	8,43,615	8,19,913	10,25,441	8,96,323
„ to North-West Frontier Province (Departmental Statistics) ...	43,889	58,119	38,677	48,562
„ to British Baluchistan (Departmental Statistics) ... ..	4,378	7,562	7,283	6,408
„ to Kashmir (State trade Statistics) ... ..	3,27,989	3,75,451	3,20,743	3,41,394
Total ...	12,24,871	12,61,045	13,92,144	12,92,687
Balance ... ..	25,67,212	27,68,382	26,89,496	26,75,030
Average consumption* per head of population 2,41,72,201 souls ...	...	...	916 lbs.	911 lbs.
<b>KASHMIR AND JAMMU STATE EXCLUDING THE FRONTIER DISTRICTS.</b>				
<i>Supply of Salt.</i>				
Imported into the State (State trade Statistics) ... ..	3,27,989	3,75,451	3,20,743	3,41,394
Total ...	3,27,989	3,75,451	3,20,743	3,41,394
Average consumption per head of population 29,30,475 souls ... ..	...	...	901 lbs.	960 lbs.

\* A few of the trans-Frontier Baluchis in a tract adjoining Dara Ghazi Khan and included in the Census of that District, consume salt from Baluchistan.

Note.—The average consumption per head of population in column 4 has been worked on the population as censused in 1911.

## Appendix XIII—contd.

## Statistics of Supplies of Salt in different Provinces, etc.—contd.

					1910-11.	1911-12.	1912-13.	Average of 3 years.
THE UNITED PROVINCES OF AGRA AND OUDH.					Maunds.	Maunds.	Maunds.	Maunds.
Supply of Salt.								
Saltpetre Salt (Departmental Statistics)	...	...	...	...	45,389	41,234	53,376	46,666
Imports by rail from the Bombay Presidency including Bombay Port	...	...	...	...	10,34,567	9,45,105	9,72,825	9,84,265
„ Sindh including Karachi Port	...	...	...	...	36	272	14	340
„ Bengal „ Calcutta Port	...	...	...	...	5,02,423	5,31,990	4,91,269	5,08,561
„ Madras „ Madras Port	...	...	...	...	...	...	...	...
„ from the Punjab	...	...	...	...	6,68,355	6,03,269	7,35,030	6,66,238
„ „ Central Provinces and Berar	...	...	...	...	10,440	569	322	3,600
„ „ Rajputana and Central India	...	...	...	...	33,01,137	35,01,000	35,83,431	34,62,876
„ „ Assam including Chittagong Port	...	...	...	...	...	...	...	...
„ „ Mysore	...	...	...	...	...	...	...	...
„ Other than by rail Tibet excepted	...	...	...	...	46,654	52,310	61,554	53,506
„ from Tibet	...	...	...	...	23,656	29,657	41,022	32,455
Total	...	...	...	...	50,23,887	57,11,205	59,38,943	57,58,711
Exports.								
Export by rail to Bombay including Bombay Port	...	...	...	...	481	194	680	452
„ „ to Sindh including Karachi Port	...	...	...	...	...	...	...	...
„ „ to Bengal „ Calcutta Port	...	...	...	...	9,641	13,614	821	8,025
„ „ to the Punjab	...	...	...	...	365	1,114	1,035	858
„ „ to Central Provinces and Berar	...	...	...	...	2,402	2,405	10,314	5,040
„ „ to Rajputana and Central India	...	...	...	...	11,603	9,148	6,711	9,154
„ „ to Assam including Chittagong Port	...	...	...	...	...	896	549	478
„ „ to the Nizam's territory	...	...	...	...	111	264	545	307
„ „ to Mysore	...	...	...	...	...	...	...	...
Exports other than by rail, Nepal excepted	...	...	...	...	...	...	...	...
„ „ to Nepal	...	...	...	...	1,11,923	1,21,133	1,15,329	1,16,128
Total	...	...	...	...	1,36,526	1,48,758	1,36,044	1,40,442
Balance	...	...	...	...	54,59,461	55,62,417	58,02,899	56,18,269
Average consumption per head of population, 4,80,25,143 souls	...	...	...	...	...	...	9-94 lbs.	9-63 lbs.
PROVINCE OF BEHAR AND ORISSA.								
Supply of Salt.								
Imported from Calcutta (Government of India Statistics)	...	...	...	...	37,24,254	38,81,349	44,44,424	40,16,676
„ „ other provinces ditto	...	...	...	...	1,87,113	2,05,610	12,43,653	5,45,458
Saltpetre Salt (Departmental Statistics)	...	...	...	...	21,237	20,450	17,678	19,788
Total	...	...	...	...	39,32,604	41,07,409	57,05,755	45,81,922

NOTE.—The average consumption per head of population in column 4 has been worked on the population as censused in 1911.

## Appendix XIII—contd.

## Statistics of Supplies of Salt in different Provinces, etc.—contd.

						1910-11.	1911-12.	1912-13.	Average of 3 years.
						Maunds.	Maunds.	Maunds.	Maunds.
<i>Exports.</i>									
To other Provinces (Government of India Statistics)	...	...	...	...	...	26,144	29,347	1,50,123	68,538
" Nepal ( ditto ditto )	...	...	...	...	...	3,09,856	3,23,580	3,97,104	3,43,513
Total						3,36,000	3,52,927	5,47,227	4,12,051
Balance	...	...	...	...	...	35,96,604	37,54,452	51,58,528	41,69,571
Average consumption per head of population 3,84,35,293 souls						...	...	11.04 lbs.	8.92 lbs.
CENTRAL PROVINCES AND BERAR.									
<i>Supply of Salt.</i>									
Imports from Madras excluding Madras Port	...	...	...	...	...	19,997	25,545	30,360	23,301
Do. Madras Port	...	...	...	...	...	35,153	31,009	36,927	34,363
Do. Bombay including Bombay Port	...	...	...	...	...	*21,05,110	23,68,925	20,43,416	21,72,484
Do. Beagal excluding Calcutta Port	...	...	...	...	...	94,478	1,05,378	12	66,622
Do. Calcutta Port	...	...	...	...	...	6,964	10,217	7,799	8,327
Do. United Provinces of Agra and Oadh	...	...	...	...	...	2,402	2,405	10,314	5,010
Do. Panjab	...	...	...	...	...	1,197	22	1,049	756
Do. Rajputana and Central India	...	...	...	...	...	1,49,624	1,94,067	2,27,606	1,90,432
Total						24,14,825	27,37,568	23,66,483	25,06,325
<i>Exports.</i>									
Exports to Madras excluding Madras Port	...	...	...	...	...	...	...	...	...
Do. Bombay excluding Bombay Port	...	...	...	...	...	1,056	171	250	492
Do. Bombay Port	...	...	...	...	...	381	...	40	140
Do. Bengal excluding Calcutta Port	...	...	...	...	...	1,449	470	15	645
Do. Calcutta Port	...	...	...	...	...	...	...	...	...
Do. United Provinces of Agra and Oadh	...	...	...	...	...	10,440	569	392	3,800
Do. Rajputana and Central India	...	...	...	...	...	35,447	31,108	30,213	32,256
Do. Mysore	...	...	...	...	...	...	...	...	...
Do. the Nizam's Dominions	...	...	...	...	...	2	...	3	2
Total						48,775	32,318	30,913	37,335
Balance	...	...	...	...	...	23,66,150	27,05,250	23,35,570	24,68,990
Average consumption per head of population 1,60,35,043 souls						...	...	11.98 lbs.	12.67 lbs.

\* The imports from Bombay are based on departmental figures as the provincial trade statistics furnished were on the face of them in correct and references to the officers concerned have failed to elicit correct figures.

NOTE.—The average consumption per head of population in column 4 has been worked on the population as censused in 1911.

## Appendix XIII—concl'd.

## Statistics of Supplies of Salt in different Provinces, etc.—concl'd

	1910-11.	1911-12.	1912-13.	Average of 3 years.
<b>RAJPUTANA AND CENTRAL INDIA.</b>	<b>Maunds.</b>	<b>Maunds.</b>	<b>Maunds.</b>	<b>Maunds.</b>
<i>Supply of Salt.</i>				
Quantity of salt manufactured by Native States of Rajputana (Jaisalmer, Kotah, Jodhpur and Bikaner Statistics).	26,482	27,619	(d) 24,785	26,295
Issued from the Sambhar Lake (Departmental Statistics) ...	47,06,943	48,54,537	49,88,748	48,50,076
Ditto Didwana salt sources ( ditto ) ...	3,80,099	3,51,456	3,82,520	3,71,358
Ditto Paebbhadia ( ditto ) ...	6,81,044	7,68,685	9,03,298	7,84,342
Ditto Falodi ( ditto ) ...	8,280	...	...	2,993
Imported from the Punjab (the Punjab Provincial trade Statistics) ...	2,436	2,806	3,069	2,770
Quantity of salt manufactured by Native States of Central India (Datia, Gwalior and Samptar Statistics).	2,915	2,476	(e) 2,570	2,654
Imported from the United Provinces (United Provinces trade Statistics) ...	11,663	9,148	6,711	9,154
Ditto Central Provinces and Berar (Central Provinces trade Statistics).	35,417	31,108	30,213	32,256
Ditto Bengal (Government of India Statistics) ...	278	279	9	189
Ditto Bombay by Bombay, Baroda and Central India Railway (Railway Statistics).	3,69,460	4,40,205	3,93,341	4,04,169
Ditto Bombay by Great Indian Peninsula Railway (Railway Statistics).	(a) 38,257	(b) 48,578	(c) 41,654	42,840
<b>Total</b> ...	<b>62,63,974</b>	<b>65,45,898</b>	<b>67,77,418</b>	<b>65,29,096</b>
<i>Exports.</i>				
Exports to the Punjab (the Punjab Provincial trade Statistics) ...	3,34,705	3,65,626	3,57,430	3,52,597
Ditto United Provinces (United Provinces trade Statistics) ...	33,01,137	35,04,060	35,83,431	34,62,876
Ditto Central Provinces and Berar (Central Provinces trade Statistics).	1,49,624	1,94,067	2,27,606	1,90,432
Exports to Bengal apart from Behar (Government of India Statistics) ...	5,276	5,548	378	3,734
Ditto Behar (Government of India Statistics) ...	30,532	16,803	33,046	26,794
Ditto Sindh (Departmental Statistics) ...	1,860	1,370	2,175	1,802
Ditto Bombay (Departmental Statistics) ...	...	5	...	2
Ditto Punjab by road (Departmental Statistics) ...	...	32,037	1,16,703	49,581
<b>Total</b> ...	<b>38,23,134</b>	<b>41,19,516</b>	<b>43,20,774</b>	<b>40,87,809</b>
Balance ...	24,40,840	24,26,382	24,56,611	24,31,289
Average consumption per head of population 2,03,80,712 souls...	...	...	992 lbs.	960 lbs.

Note.—The average consumption per head of population in column 4 has been worked out on the population as censused in 1911.

(a) For the calendar year 1910.

(b) Ditto 1911.

(c) Ditto 1912.

(e) For the Gwalior only. Figures for Datia and Samptar not available.

## Appendix XIV.

Statement showing the number of persons arrested and prosecuted or released departmentally for offences against the salt law during the year 1912-13.

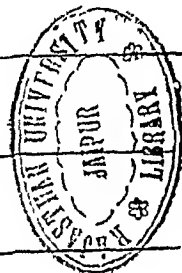
Division.	Number of cases.	Total number of persons arrested.	RELEASED BY THE DEPARTMENT.				Committed for trial.	Acquitted.	Convicted.	Pending trial when report was submitted.	Percentage of convictions on number of persons sent up for trial less those whose cases are pending and those who died or absconded before trial.	Died or absconded before trial.
			Infirm persons, pregnant women and children.	For making or being in possession of less than one seer of illicit salt.	On proof of ignorance or inadvertence and for want of sufficient evidence.	Total.						
Sambhar Lake	4	4	1	...	...	1	3	...	3	...	100.00	...
Didwana Salt Source	...	...	...	...	...	...	...	...	...	...	...	...
Pachbhadra Salt Source	...	...	...	...	...	...	...	...	...	...	...	...
Cis-Indus and Kalabagh Mines	4	6	...	6	...	6	...	...	...	...	...	...
Sulampur Salt Works	...	...	...	...	...	...	...	...	...	...	...	...
Kohat Mines	14	23	...	1	4	5	18	1	17	...	94.44	...
Mandi Mines	...	...	...	...	...	...	...	...	...	...	...	...
Internal Branch	224	230	6	113	48	166	124	4	113	5	91.13	2
Total	246	323	7	119	52	178	145	5	133	5	91.72	2
TOTAL OF 1911-12	(a) 388	431	9	204	57	270	161	8	153	...	95.03	...

(a) Cases that were pending when report for 1911-12 was submitted have been included.

## Appendix XV.

Statement showing the punishments awarded by the courts for offences against the salt law during the year 1912-13.

PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
PERSONS SENTENCED TO IMPRISONMENT WITH OR WITHOUT FINE.														PERSONS SENTENCED TO FINE ONLY.			
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(a) Cases that were pending when the report of 1911-12 was submitted have been included.

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